Degrees and Other Formal Awards Conferred 1982-83

Pennsylvania Department of Education 1984

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HIGHLIGHTS

The 1982-83 data on degrees and other formal awards conferred indicate that:

* 96,976 associate and higher degrees were granted. By level of award, there were 20,831 associate, 57,231 bachelor's, 3,740 first-professional, 13,411 master's, and 1,763 doctor's degrees.

* 49.8 percent of all degrees were granted to women.

* 24.2 percent of all bachelor's degrees were in the business and management major field of study which is up from 13.2 percent in 1973-74.

* members of minority racial/ethnic groups comprised 7.1 percent of all associate and higher degrees conferred as compared to 6.4 percent in 1975-76.

* the number of associate degrees has increased by 6,150 (up 41.9 percent) since 1973-74.

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INTRODUCTION

"Degrees and Other Formal Awards Conferred, 1982-83" is one in a series of publications containing statistical summaries related to basic education, higher education, and vocational education in Pennsylvania. The data contained in this publication reflects current year figures as well as trends on a variety of selected topics. In many instances, more detailed data is available.

Requests for more detailed data and questions or comments about the data should be addressed to the Pennsylvania Department of Education, Division of Data Services, 333 Market Street, P.O. Box 911, Harrisburg, PA 17108 (Phone 717-787-2644).

Sources: Degrees and Other Formal Awards Conferred Between July 1, 1982 and June 30, 1983 (ED 2300-2.1)
ASB and/or AST Degrees Conferred, 1982-83 (PDE-4039)

TABLE 1

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL
OF PROGRAM, 1973-74 THROUGH 1982-83

	Total Degrees	Associate Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
1973-74	91 210	14 681	57 015	3 248	14 604	1 662
1974-75	90 158	14 542	55 689	3 327	14 827	1 773
1975-76	89 367	14 918	54 646	3 510	14 481	1 812
1976-77	89 265	16 086	53 835	3 524	14 189	1 631
1977-78	90 613	17 690	53 697	3 640	13 935	1 651
1978-79	90 868	17 317	54 338	3 779	13 775	1 659
1979-80	90 905	17 107	55 121	3 762	13 246	1 669
1980-81	91 352	17 949	54 589	3 791	13 356	1 667
1981-82	93 955	19 250	55 600	3 674	13 619	1 812
1982-83	96 976	20 831	57 231	3 740	13 411	1 763

Following the pattern of continued growth in higher education enrollments, the number of degrees awarded has also increased. There were 3,021 more degrees awarded in 1982-83 than in 1981-82, an increase of 3.2 percent. The associate and bachelor's levels grew by 1,581 and 1,631 degrees, respectively. On the negative side, master's degrees decreased by 1.5 percent and doctor's degrees decreased by 2.7 percent.

Since 1973-74, associate degrees increased by 6,150 (up 41.9 percent), bachelor's degrees increased by 216 (up 0.4 percent), first-professional degrees increased by 492 (up 15.1 percent), master's degrees decreased by 1,193 (down 8.2 percent), and doctor's degrees increased by 101 (up 6.1 percent).

FIGURE 1
DEGREES CONFERRED BY LEVEL OF PROGRAM, 1973-74

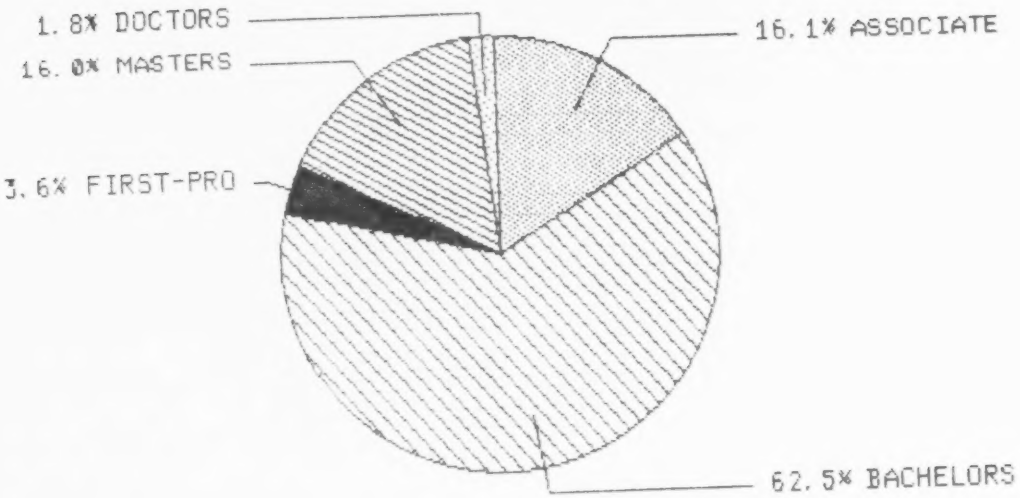

FIGURE 2
DEGREES CONFERRED BY LEVEL OF PROGRAM, 1982-83

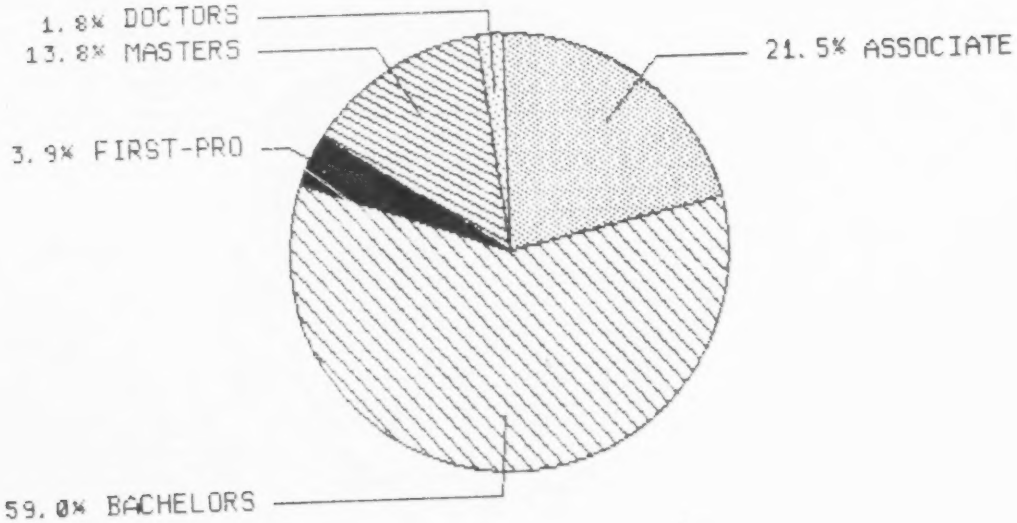

TABLE 2

BACHELOR'S DEGREES CONFERRED IN SELECTED MAJOR FIELDS OF STUDY, 1973-74 THROUGH 1982-83

	Business and Management	Computer and Information Sciences	Education	Engineering	Health Professions	Social Sciences
1973-74	7 499	235	12 883	3 000	2 262	9 185
1974-75	7 633	262	11 537	2 782	2 824	8 455
1975-76	8 457	260	10 633	2 675	2 890	7 601
1976-77	9 222	307	9 431	3 001	3 176	7 125
1977-78	9 735	371	8 548	3 415	3 196	6 759
1978-79	10 753	513	7 732	4 063	3 476	6 508
1979-80	11 466	698	6 927	4 376	3 602	6 312
1980-81	11 779	1 007	5 989	4 748	3 822	5 905
1981-82	12 678	1 489	5 543	4 986	3 923	6 007
1982-83	13 843	1 865	5 302	5 633 1/	4 204 2/	5 522

1/ Includes the major fields of "engineering" and "engineering and engineering-related technologies."
2/ Includes the major fields of "allied health" and "health sciences."

The field of study structure was completely revised and became effective with the 1982-83 data. Therefore, exact comparisons with data prior to 1982-83 are not possible but certain major fields match closely.

The number of bachelor's degrees in certain major areas has changed substantially since 1973-74. In 1973-74, 13.2 percent of all bachelor's degrees were awarded in business and management. By 1982-83 that percentage has risen to 24.2. Similar comparisons show increases for computer and information sciences from 0.4 percent to 3.3 percent; for engineering from 5.3 percent to 9.8 percent; and for health professions from 4.0 percent to 7.3 percent.

Conversely, bachelor's degrees in education and the social sciences have fallen. Whereas education comprised 22.6 percent of all bachelor's degrees in 1973-74, it now accounts for only 9.3 percent. Likewise, social sciences fell from 16.1 percent to 9.6 percent of all bachelor's degrees.

FIGURE 3
BACHELOR'S DEGREES CONFERRED IN SELECTED
MAJOR FIELDS OF STUDY, 1973-74 THROUGH 1982-83

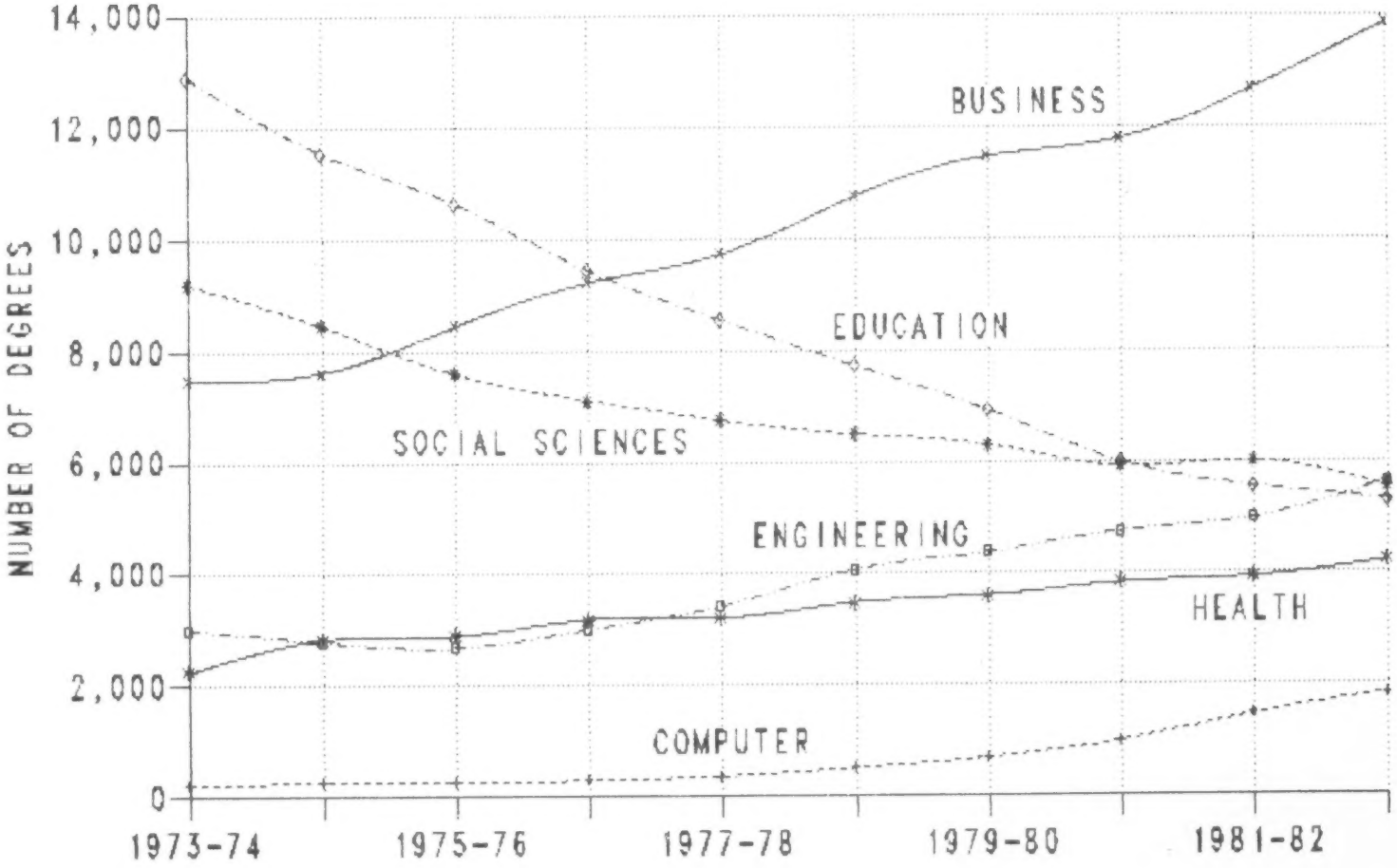

TABLE 3

ASSOCIATE AND HIGHER DEGREES CONFERRED BY RACIAL/ETHNIC CATEGORY FOR SELECTED YEARS[1]

	Total Degrees	Non-Resident Alien	Black Non-Hispanic	American Indian or Alaskan Native	Asian or Pacific Islander[2]	Hispanic	White Non-Hispanic[2]	Unidentified
1974-75	90 158	N/A[3]	3 905	115	358	416	77 416	7 948
1975-76	89 367	1 233	4 155	384	553	700	75 858	6 484
1976-77	89 265	1 459	4 142	393	480	653	76 737	5 401
1978-79	90 868	1 738	4 996	222	565	568	80 752	2 027
1980-81	91 352	1 550	4 983	123	818	563	83 005	310
1982-83	96 976	2 449	4 957	137	1 122	655	87 656	-

1/ Racial/ethnic data has been collected biennially since 1976-77.
2/ Persons having origins in the original peoples of the Indian subcontinent were classified as White, non-Hispanic through the 1976-77 survey but are now classified as Asian or Pacific Islander.
3/ The 1974-75 survey did not list non-resident alien as a separate category.

For the 1975-76 year, there were 5,792 minorities identified as receiving an associate or higher degree which accounted for 6.4 percent of all degrees conferred. By comparison, 6,871 minority graduates comprised 7.1 percent of the 1982-83 total.

Specifically, the number of Black, non-Hispanic graduates has grown and apparently leveled off at just under 5,000. The number of Asian or Pacific Islander graduates has doubled since 1978-79.

FIGURE 4
PERCENT AND NUMBER OF ALL DEGREES AWARDED TO BLACKS
AND OTHER MINORITIES FOR SELECTED YEARS

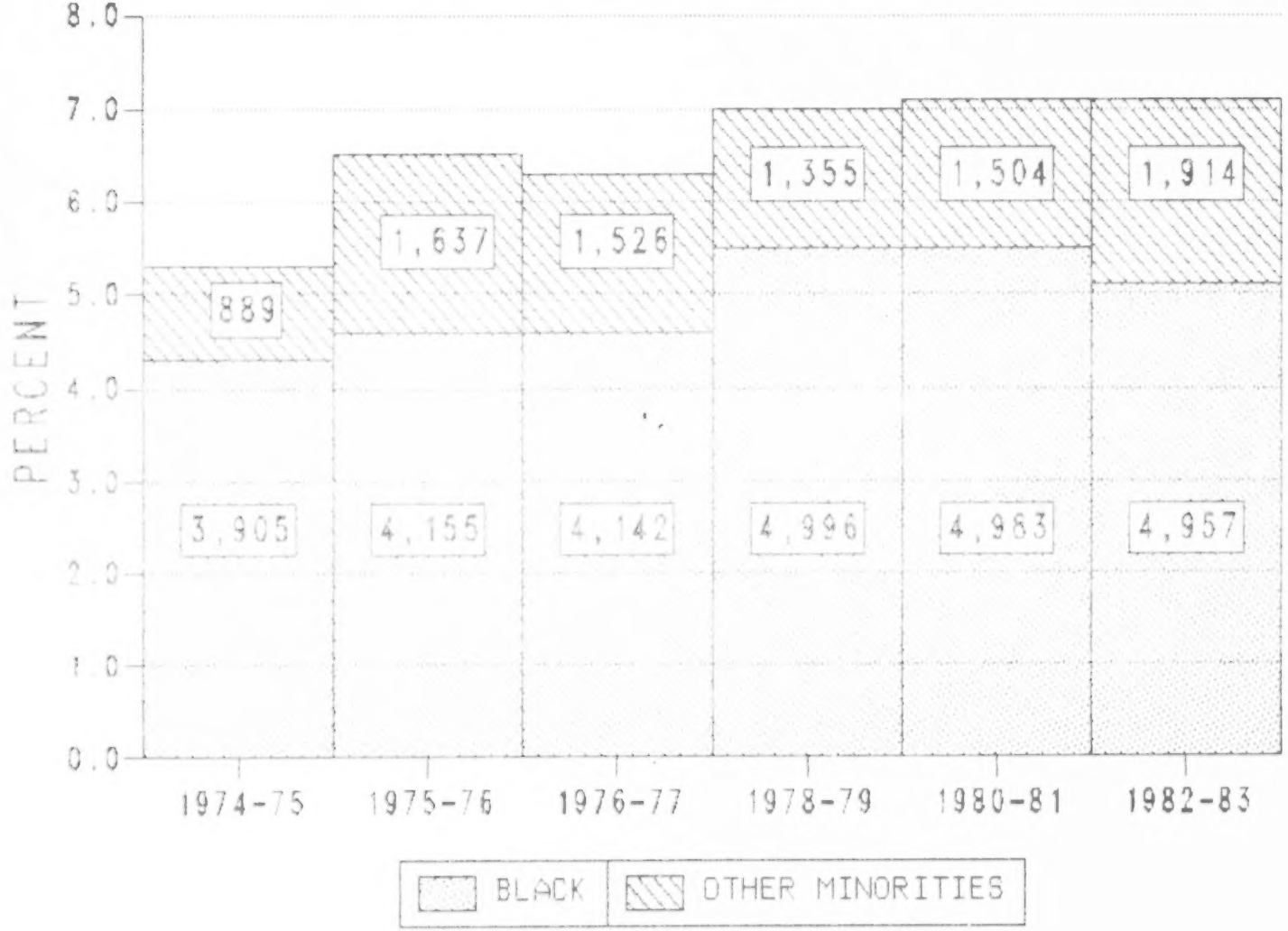

TABLE 4

ASSOCIATE AND HIGHER DEGREES CONFERRED BY INSTITUTIONAL CATEGORY AND LEVEL OF PROGRAM, 1973-74 THROUGH 1982-83

	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83
TOTAL, ALL INSTITUTIONS	91 210	90 158	89 367	89 265	90 613	90 868	90 905	91 352	93 955	96 976
Associate Degrees	14 681	14 542	14 918	16 086	17 690	17 317	17 107	17 949	19 250	20 831
Bachelor's Degrees	57 615	55 689	54 646	53 835	53 697	54 339	55 121	54 589	55 600	57 231
First-Professional Degrees	3 248	3 327	3 520	3 524	3 640	3 779	3 762	3 791	3 674	3 740
Master's Degrees	14 604	14 827	14 481	14 189	13 935	13 775	13 246	13 356	13 619	13 411
Doctor's Degrees	1 662	1 773	1 812	1 631	1 651	1 659	1 669	1 667	1 812	1 763
STATE UNIVERSITIES	15 575	17 820	16 460	16 285	15 549	15 342	15 155	14 502	14 494	14 370
Associate Degrees	21	37	52	107	113	131	120	136	164	241
Bachelor's Degrees	13 131	14 204	13 302	13 016	12 705	12 572	12 651	12 020	12 017	12 088
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-
Master's Degrees	2 397	3 575	3 101	3 162	2 730	2 634	2 369	2 325	2 296	2 024
Doctor's Degrees	6	4	5	2	1	5	15	21	17	17
STATE-FILIATED COMMONWEALTH UNIVERSITIES	23 609	23 467	24 116	23 926	24 410	24 445	23 812	23 662	24 224	25 272
Associate Degrees	1 350	1 365	1 577	1 701	1 804	1 800	1 674	1 844	2 132	2 335
Bachelor's Degrees	15 072	14 966	15 276	15 270	15 394	15 463	15 290	14 758	15 017	15 911
First-Professional Degrees	1 031	1 211	1 137	1 145	1 196	1 240	1 183	1 214	1 157	1 235
Master's Degrees	5 307	4 919	5 067	4 815	4 997	4 962	4 646	4 855	4 851	4 744
Doctor's Degrees	849	1 077	1 059	995	1 019	980	1 019	991	1 067	1 047
COMMUNITY COLLEGES	7 468	7 554	7 962	8 149	8 368	7 962	7 905	7 891	8 163	8 463
Associate Degrees	7 468	7 554	7 962	8 149	8 368	7 962	7 905	7 891	8 163	8 463
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-
PRIVATE STATE-AIDED INSTITUTIONS	8 264	8 465	8 589	8 552	8 963	8 957	9 229	9 424	9 812	10 024
Associate Degrees	150	195	208	279	339	293	262	276	277	241
Bachelor's Degrees	4 154	4 366	4 210	4 166	4 343	4 436	4 677	4 830	5 061	5 277
First-Professional Degrees	1 284	1 355	1 461	1 510	1 534	1 577	1 602	1 612	1 573	1 585
Master's Degrees	2 222	2 342	2 248	2 216	2 365	2 257	2 310	2 315	2 430	2 508
Doctor's Degrees	454	407	460	381	384	394	378	389	472	413
PRIVATE COLLEGES AND UNIVERSITIES	28 364	28 342	27 661	27 209	27 039	27 727	28 219	28 659	29 526	30 175
Associate Degrees	1 221	1 350	1 281	1 204	1 307	1 275	1 137	1 157	1 306	1 425
Bachelor's Degrees	22 617	22 137	21 833	21 369	21 225	21 842	22 491	22 963	23 490	23 939
First-Professional Degrees	584	560	552	544	575	598	619	647	629	620
Master's Degrees	3 711	4 036	3 946	3 881	3 725	3 786	3 764	3 670	3 890	3 972
Doctor's Degrees	251	259	249	212	206	224	208	222	209	219

TABLE 4

ASSOCIATE AND HIGHER DEGREES CONFERRED BY INSTITUTIONAL CATEGORY AND LEVEL OF PROGRAM, 1973-74 THROUGH 1982-83--Concluded

	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83
THEOLOGICAL SEMINARIES	439	499	541	496	523	579	573	571	530	546
Associate Degrees	-	-	-	-	-	-	-	-	-	-
Bachelor's Degrees	21	16	23	15	30	25	12	18	16	16
First-Professional Degrees	349	301	360	322	335	364	358	318	315	300
Master's Degrees	67	156	119	115	117	134	157	191	152	163
Doctor's Degrees	2	26	39	44	41	56	46	44	47	67
PRIVATE JUNIOR COLLEGES	1 374	1 189	1 213	1 436	1 686	1 614	1 573	1 571	1 482	1 617
Associate Degrees	1 374	1 189	1 213	1 436	1 686	1 614	1 573	1 571	1 482	1 617
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-
SPECIALIZED ASSOC. DEGREE-GRANTING INSTIT.[1]	3 099	2 822	2 725	3 139	3 839	4 209	4 374	4 994	5 656	6 424
Associate Degrees	3 099	2 822	2 725	3 139	3 839	4 209	4 374	4 994	5 656	6 424
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-
STATE SCHOOL OF TECHNOLOGY[1]	-	-	-	31	34	33	62	78	68	85
Associate Degrees	-	-	-	31	34	33	62	78	68	85
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-

1/ Includes degrees conferred in associate in specialized business (ASB) and associate in specialized technology (AST) programs only.

TABLE 5

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX
BY FIELD OF STUDY, 1982-83

	Associate Degrees		Bachelor's Degrees		First-Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
TOTAL DEGREES, ALL FIELDS	9 707	11 124	28 392	28 839	2 591	1 149	6 861	6 550	1 120	643
AGRIBUSINESS AND AGRICULTURAL PRODUCTION--Total	59	48	92	20	-	-	12	2	-	-
Agricultural business	-	-	60	15	-	-	-	-	-	-
Agricultural economics	-	-	12	3	-	-	12	2	-	-
Agricultural mechanics, general	-	-	20	2	-	-	-	-	-	-
Horticulture, general	19	25	-	-	-	-	-	-	-	-
Floriculture	2	13	-	-	-	-	-	-	-	-
Nursery operation and management	11	5	-	-	-	-	-	-	-	-
Agribusiness and agricultural production, other	27	5	-	-	-	-	-	-	-	-
AGRICULTURAL SCIENCES--Total	-	-	319	226	-	-	22	16	16	1
Agricultural sciences, general	-	-	39	28	-	-	-	-	-	-
Animal sciences, general	-	-	51	60	-	-	2	3	1	-
Animal nutrition	-	-	-	-	-	-	3	3	1	-
Dairy	-	-	35	11	-	-	1	-	1	-
Poultry	-	-	3	2	-	-	-	-	-	-
Animal sciences, other	-	-	14	18	-	-	-	-	-	-
Food sciences, general	-	-	10	12	-	-	4	4	3	1
Food technology	-	-	11	6	-	-	-	-	-	-
Food sciences, other	-	-	2	-	-	-	-	-	-	-
Plant sciences, general	-	-	4	2	-	-	-	-	-	-
Agronomy	-	-	53	15	-	-	9	2	9	-
Horticulture science	-	-	46	41	-	-	3	4	1	-
Ornamental horticulture	-	-	51	31	-	-	-	-	-	-
RENEWABLE NATURAL RESOURCES--Total	112	29	129	46	-	-	13	6	2	-
Renewable natural resources, general	2	-	72	30	-	-	12	4	2	-
Resources protection and regulation	-	-	4	5	-	-	-	-	-	-
Fisheries	7	1	-	-	-	-	-	-	-	-
Forestry production and processing, general	23	2	-	-	-	-	-	-	-	-
Forest products processing technology	49	16	17	1	-	-	-	-	-	-
Forestry and related sciences, general	-	-	-	1	-	-	-	-	-	-
Forestry science	-	-	35	8	-	-	-	-	-	-
Wildlife management	31	10	1	1	-	-	1	2	-	-
ARCHITECTURE AND ENVIRONMENTAL DESIGN--Total	47	83	179	129	-	-	100	62	20	5
Architecture and environmental design, general	-	1	92	35	-	-	41	24	9	1
City, community, and regional planning	-	-	25	19	-	-	37	19	11	4
Environmental design	-	-	15	9	-	-	-	-	-	-
Interior design	47	82	5	64	-	-	-	-	-	-
Landscape architecture	-	-	42	12	-	-	19	16	-	-
Urban design	-	-	-	-	-	-	3	3	-	-
AREA AND ETHNIC STUDIES--Total	-	-	46	96	-	-	15	31	4	5
African studies	-	-	2	3	-	-	-	-	-	-
American studies	-	-	20	42	-	-	8	16	2	3
Asian studies, general	-	-	1	1	-	-	-	-	-	-
East asian studies	-	-	1	3	-	-	-	1	-	-
Latin american studies	-	-	1	4	-	-	-	-	-	-
Russian and Slavic studies	-	-	1	4	-	-	-	-	-	-
South Asian studies	-	-	-	1	-	-	-	-	-	-
Area studies, other	-	-	2	10	-	-	-	-	-	-
Afro-American (black) studies	-	-	4	2	-	-	-	-	-	-
Hispanic-American studies	-	-	-	-	-	-	2	12	-	-
Jewish studies	-	-	-	6	-	-	-	-	-	-
Ethnic studies, other	-	-	7	9	-	-	1	2	2	2
Area and ethnic studies, other	-	-	7	11	-	-	4	-	-	-
BUSINESS AND MANAGEMENT--Total	1 085	1 224	8 388	5 455	-	-	2 457	998	41	5
Business and management, general	67	77	1 398	806	-	-	318	140	-	-
Accounting	41	94	2 198	1 548	-	-	60	21	1	-
Banking and finance	1	7	592	284	-	-	276	69	1	-
Business administration and management, general	613	630	2 350	1 544	-	-	1 285	598	29	5
Contract management and procurement/purchasing	-	-	24	22	-	-	-	-	-	-
Product management	9	1	-	-	-	-	-	-	-	-
Management science (technical)	-	-	10	1	-	-	-	-	-	-
Business administration and management, other	215	289	45	38	-	-	137	16	-	-
Business economics	2	1	131	43	-	-	47	14	4	-
Human resources development	-	-	-	-	-	-	1	1	-	-
Hotel/motel management	29	31	26	20	-	-	-	-	-	-
Restaurant management	5	3	-	-	-	-	-	-	-	-
Transportation management	7	2	146	69	-	-	-	-	-	-
Institutional management, other	27	19	68	50	-	-	-	-	-	-

TABLE 5

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX
BY FIELD OF STUDY, 1982-83--Continued

	Associate Degrees		Bachelor's Degrees		First-Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
BUSINESS AND MANAGEMENT--Concluded										
Insurance and risk management	-	-	38	11	-	-	15	4	1	-
International business management	-	-	13	19	-	-	11	4	-	-
Labor/industrial relations	5	3	77	56	-	-	81	46	-	-
Management information systems	-	1	73	47	-	-	2	-	-	-
Business statistics	-	-	2	2	-	-	6	2	1	-
Operations research (quantitative methods)	-	-	3	1	-	-	10	2	1	-
Management science, other	-	-	76	37	-	-	16	3	2	-
Marketing management	31	44	868	708	-	-	100	47	1	-
Marketing management and research, other	-	-	54	34	-	-	2	-	-	-
Organizational behavior	-	-	2	-	-	-	2	1	-	-
Personnel management	1	1	56	33	-	-	6	12	-	-
Real estate, general	6	7	13	6	-	-	2	-	-	-
Real estate, other	-	-	-	-	-	-	-	1	-	-
Small business management	2	1	4	1	-	-	-	-	-	-
Taxation	-	-	-	-	-	-	86	17	-	-
Trade and industrial supervision and management	8	-	1	-	-	-	-	-	-	-
Business and management, other	14	13	120	75	-	-	-	-	-	-
BUSINESS AND OFFICE--Total	1 097	3 503	15	104	-	-	1	2	-	-
Accounting, bookkeeping & related programs, general	203	483	-	1	-	-	-	-	-	-
Accounting and computing	4	10	-	-	-	-	-	-	-	-
Accounting, bookkeeping, & related programs, other	43	107	-	-	-	-	-	-	-	-
Banking and related financial programs, general	6	22	-	-	-	-	-	-	-	-
Insurance clerk	2	6	-	-	-	-	-	-	-	-
Business data processing & related programs, general	316	391	-	-	-	-	-	-	-	-
Business data programming	153	142	-	-	-	-	-	-	-	-
Business systems analysis	-	-	3	-	-	-	-	-	-	-
Business data processing and related programs, other	115	139	-	-	-	-	-	-	-	-
Office supervision and management	21	22	13	59	-	-	-	-	-	-
Secretarial and related programs, general	-	440	-	42	-	-	-	-	-	-
Court reporting	-	45	-	-	-	-	-	-	-	-
Executive secretarial	3	455	-	-	-	-	-	-	-	-
Legal secretarial	2	183	-	-	-	-	-	-	-	-
Medical secretarial	-	411	-	-	-	-	-	-	-	-
Secretarial	-	138	-	2	-	-	-	-	-	-
Word processing	-	61	-	-	-	-	-	-	-	-
Secretarial and related programs, other	1	13	-	-	-	-	-	-	-	-
Typing, general office, & related programs, general	-	3	-	-	-	-	-	-	-	-
Receptionist and communication systems operation	3	35	-	-	-	-	-	-	-	-
Business and office, other	223	397	2	-	-	-	1	2	-	-
MARKETING AND DISTRIBUTION--Total	98	346	47	131	-	-	-	-	-	-
Apparel and accessories marketing, general	-	-	4	7	-	-	-	-	-	-
Fashion merchandising	1	94	6	92	-	-	-	-	-	-
Business and personal services marketing, general	-	-	17	2	-	-	-	-	-	-
Entrepreneurship, general	45	12	-	-	-	-	-	-	-	-
Purchasing	1	1	-	-	-	-	-	-	-	-
Retailing	23	143	5	9	-	-	-	-	-	-
General marketing, other	17	30	15	21	-	-	-	-	-	-
Hospitality and recreation marketing, general	8	3	-	-	-	-	-	-	-	-
Transportation and travel marketing, general	3	30	-	-	-	-	-	-	-	-
Tourism	-	28	-	-	-	-	-	-	-	-
Marketing and distribution, other	-	5	-	-	-	-	-	-	-	-
COMMUNICATIONS--Total	210	252	814	1 101	-	-	49	34	2	1
Communications, general	2	15	342	474	-	-	33	22	2	1
Advertising	1	10	30	93	-	-	-	-	-	-
Journalism (mass communications)	9	23	235	377	-	-	12	7	-	-
Public relations	-	14	2	8	-	-	-	-	-	-
Radio/television, general	2	2	191	140	-	-	4	5	-	-
Communications, other	196	188	14	9	-	-	-	-	-	-
COMMUNICATION TECHNOLOGIES--Total	100	53	26	14	-	-	-	-	-	-
Motion picture technology	7	2	-	-	-	-	-	-	-	-
Photographic technology	53	33	3	2	-	-	-	-	-	-
Radio & television production & broadcasting tech.	31	14	23	12	-	-	-	-	-	-
Communication technologies, other	9	4	-	-	-	-	-	-	-	-
COMPUTER AND INFORMATION SCIENCES--Total	351	384	1 143	722	-	-	215	129	22	5
Computer and information sciences, general	280	303	1 066	614	-	-	174	65	21	4
Computer programming	21	26	-	-	-	-	-	-	-	-
Data processing	33	26	26	11	-	-	-	-	-	-
Information sciences and systems	11	16	45	83	-	-	41	64	1	1
Computer and information sciences, other	6	13	6	14	-	-	-	-	-	-

TABLE 5

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX
BY FIELD OF STUDY, 1982-83--Continued

	Associate Degrees		Bachelor's Degrees		First-Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES--Total	11	19	-	-	-	-	-	-	-	-
Funeral services	11	5	-	-	-	-	-	-	-	-
Cosmetology	-	14	-	-	-	-	-	-	-	-
EDUCATION--Total	58	167	1 178	4 124	-	-	928	2 419	272	252
Education, general	44	69	1	4	-	-	59	129	12	11
Curriculum and instruction	-	-	-	-	-	-	32	64	31	27
Education administration, general	-	-	1	-	-	-	92	41	30	31
Educational supervision	-	-	-	-	-	-	2	2	-	-
Elementary & secondary education administration	-	-	-	-	-	-	14	28	1	-
Higher education administration	-	-	-	-	-	-	4	6	25	15
Education administration, other	-	-	-	-	-	-	-	1	1	1
Educational media	-	-	-	-	-	-	20	31	8	5
Evaluation and research, general	-	-	-	-	-	-	1	-	1	-
Educational statistics and research	-	-	-	-	-	-	7	4	4	1
Educational testing, evaluation and measurement	-	-	-	-	-	-	-	-	-	1
Higher education research	-	-	-	-	-	-	1	2	8	4
International and comparative education	-	-	-	-	-	-	6	9	5	2
School psychology	-	-	-	1	-	-	36	89	30	32
Social foundations	-	-	-	-	-	-	5	5	6	2
Special education, general	-	1	79	802	-	-	62	362	4	8
Education of the deaf and hearing impaired	-	-	1	9	-	-	-	18	-	-
Education of the gifted and talented	-	-	-	-	-	-	3	9	-	-
Education of the multiple handicapped	-	-	-	-	-	-	4	11	-	-
Education of the physically handicapped	-	-	-	15	-	-	-	-	-	-
Specific learning disabilities	-	-	-	-	-	-	-	4	-	-
Speech correction	-	-	11	157	-	-	3	49	-	-
Special education, other	-	-	3	77	-	-	7	54	2	4
Student counseling and personal services	-	-	-	1	-	-	166	379	25	32
Adult and continuing education	-	-	-	-	-	-	11	19	-	-
Elementary education	3	20	195	1 659	-	-	69	272	12	15
Pre-elementary education	1	60	5	189	-	-	3	17	1	-
Secondary education	2	8	32	45	-	-	34	29	2	5
Early childhood education	-	2	4	86	-	-	2	35	-	-
Teacher education, general programs, other	2	2	-	3	-	-	8	14	-	1
Agriculture education	-	-	16	10	-	-	15	2	5	-
Art education	-	-	27	95	-	-	6	21	3	2
Business education	-	2	20	123	-	-	11	20	-	1
English education	-	-	7	11	-	-	4	24	1	4
Foreign languages education	-	-	1	5	-	-	1	2	-	-
Health education	-	-	25	41	-	-	9	62	3	6
Home economics education	-	-	-	57	-	-	-	23	1	6
Industrial arts education	-	-	138	6	-	-	19	1	-	-
Marketing and distributive education	-	-	5	7	-	-	4	4	3	-
Mathematics education	-	-	5	10	-	-	5	18	1	-
Music education	-	-	134	189	-	-	16	26	5	1
Physical education	6	3	295	335	-	-	67	64	12	6
Reading education	-	-	-	-	-	-	43	342	3	8
Science education	-	-	1	3	-	-	13	15	4	1
Social science education	-	-	8	3	-	-	-	-	-	-
Social studies education	-	-	54	35	-	-	5	1	2	1
Technical education	-	-	-	-	-	-	-	-	4	3
Trade and industrial education	-	-	55	14	-	-	31	12	6	10
Nursing education	-	-	1	16	-	-	-	-	-	-
Physics/math	-	-	1	1	-	-	-	-	-	-
Dental hygiene	-	-	1	19	-	-	-	-	-	-
Environmental education	-	-	-	-	-	-	1	1	-	-
Health, physical and recreation education	-	-	38	33	-	-	-	-	-	-
Physical education and sport	-	-	-	5	-	-	-	-	-	-
Teacher education, specific subject areas, other	-	-	2	9	-	-	4	5	10	6
Teaching English as a second language/foreign language	-	-	-	-	-	-	3	12	-	-
Education, other	-	-	12	49	-	-	20	81	1	-
ENGINEERING--Total	56	10	4 051	768	-	-	923	120	149	9
Engineering, general	56	10	131	31	-	-	36	1	-	-
Aerospace, aeronautical & astronautical engineering	-	-	90	4	-	-	6	-	-	-
Agricultural engineering	-	-	31	3	-	-	7	-	1	-
Architectural engineering	-	-	105	35	-	-	6	-	-	-
Bioengineering and biomedical engineering	-	-	28	12	-	-	15	6	3	1
Ceramic engineering	-	-	21	8	-	-	8	-	5	-
Chemical engineering	-	-	548	188	-	-	81	12	21	1
Civil engineering	-	-	469	96	-	-	152	17	13	-
Computer engineering	-	-	45	4	-	-	-	-	-	-
Electrical, electronics, & communications engineering	-	-	950	99	-	-	168	8	26	-
Engineering mechanics	-	-	3	-	-	-	9	-	4	-
Engineering physics	-	-	14	-	-	-	-	-	-	-
Engineering science	-	-	35	2	-	-	24	2	-	-

TABLE 5

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX
BY FIELD OF STUDY, 1982-83--Continued

	Associate Degrees		Bachelor's Degrees		First-Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
ENGINEERING--Concluded										
Environmental health engineering	-	-	37	9	-	-	26	16	4	-
Industrial engineering	-	-	254	98	-	-	105	26	9	2
Materials engineering	-	-	27	6	-	-	17	4	7	2
Mechanical engineering	-	-	861	104	-	-	133	6	10	-
Metallurgical engineering	-	-	119	32	-	-	40	4	20	2
Mining and mineral engineering	-	-	100	6	-	-	22	2	6	-
Nuclear engineering	-	-	38	1	-	-	18	-	4	-
Petroleum engineering	-	-	109	16	-	-	14	-	1	-
Systems engineering	-	-	13	4	-	-	11	1	3	-
Textile engineering	-	-	16	6	-	-	-	-	-	-
Engineering, other	-	-	7	-	-	-	25	15	12	1
ENGINEERING & ENGINEERING-RELATED TECHNOLOGIES--Total	3 693	275	743	71	-	-	26	3	5	-
Architectural design & construction technology	70	13	22	1	-	-	-	-	-	-
Architectural interior design technology	19	7	-	-	-	-	-	-	-	-
Civil technology	36	7	54	11	-	-	-	-	-	-
Drafting and design technology	124	18	1	-	-	-	-	-	-	-
Surveying and mapping technology	33	3	-	-	-	-	-	-	-	-
Civil technologies, other	9	2	1	-	-	-	-	-	-	-
Computer technology	5	1	8	2	-	-	-	-	-	-
Electrical technology	56	3	99	2	-	-	-	-	-	-
Electronic technology	1 577	79	110	13	-	-	-	-	-	-
Electric and electronic technologies, other	468	23	45	-	-	-	-	-	-	-
Biomedical equipment technology	47	7	-	-	-	-	-	-	-	-
Computer servicing technology	11	2	-	-	-	-	-	-	-	-
Electromechanical technology	24	1	28	1	-	-	-	-	-	-
Instrumentation technology	1	-	-	-	-	-	-	-	-	-
Electromechanical instrumentation & maint. tech., other	21	-	-	-	-	-	-	-	-	-
Energy conservation and use technology	1	-	3	-	-	-	-	-	-	-
Solar heating and cooling technology	41	4	-	-	-	-	-	-	-	-
Water and wastewater technology	1	2	10	5	-	-	3	1	-	-
Environmental control technologies, other	-	-	1	1	-	-	12	2	-	-
Chemical manufacturing technology	14	4	-	-	-	-	-	-	-	-
Industrial technology	86	12	15	-	-	-	-	-	-	-
Manufacturing technology	4	-	15	-	-	-	-	-	-	-
Textile technology	-	-	3	6	-	-	-	-	-	-
Welding technology	48	1	-	-	-	-	-	-	-	-
Industrial production technologies, other	5	1	-	-	-	-	-	-	-	-
Occupational safety and health technology	-	-	67	4	-	-	-	-	-	-
Aeronautical technology	303	7	-	-	-	-	-	-	-	-
Automotive technology	178	5	-	-	-	-	-	-	-	-
Mechanical design technology	359	50	214	12	-	-	-	-	-	-
Mechanical and related technologies, other	11	-	2	-	-	-	-	-	-	-
Petroleum technology	38	1	1	-	-	-	-	-	-	-
Engineering & engineering-related technologies, other	103	22	44	6	-	-	11	-	5	-
FOREIGN LANGUAGES--Total	-	2	129	458	-	-	20	47	11	19
Foreign languages, multiple emphasis	-	2	4	30	-	-	1	5	-	-
Chinese	-	-	1	-	-	-	-	-	-	-
Japanese	-	-	-	2	-	-	-	-	-	-
Russian	-	-	14	27	-	-	4	1	-	1
Slavic languages (other than Russian)	-	-	-	-	-	-	-	1	-	2
German	-	-	31	67	-	-	4	3	1	-
Greek (classical)	-	-	3	4	-	-	-	1	1	-
French	-	-	39	159	-	-	7	10	2	5
Italian	-	-	-	5	-	-	1	2	-	-
Latin	-	-	4	3	-	-	1	1	-	-
Spanish	-	-	32	154	-	-	2	17	7	11
Italic languages, other	-	-	-	3	-	-	-	-	-	-
Hebrew	-	-	1	3	-	-	-	-	-	-
Foreign languages, other	-	-	-	1	-	-	-	-	-	-
ALLIED HEALTH--Total	153	1 225	115	630	-	-	46	112	-	-
Dental assisting	-	45	-	-	-	-	-	-	-	-
Dental hygiene	2	129	1	30	-	-	-	-	-	-
Dental laboratory technology	15	14	-	-	-	-	-	-	-	-
Cardiopulmonary technology	-	6	4	1	-	-	-	-	-	-
Electroencephalograph technology	2	-	-	-	-	-	-	-	-	-
Emergency medical technology-paramedic	6	4	-	-	-	-	-	-	-	-
Medical radiation dosimetry	1	4	-	-	-	-	-	-	-	-
Nuclear medical technology	6	12	2	13	-	-	-	-	-	-
Radiograph medical technology	23	113	7	14	-	-	-	-	-	-
Respiratory therapy technology	15	48	-	-	-	-	-	-	-	-
Ultrasound technology	1	5	-	-	-	-	-	-	-	-
Diagnostic and treatment services, other	-	2	1	-	-	-	-	-	-	-

TABLE 5

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX BY FIELD OF STUDY, 1982-83--Continued

	Associate Degrees		Bachelor's Degrees		First-Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
ALLIED HEALTH--Concluded										
Chemistry technology	-	2	-	-	-	-	-	-	-	-
Cytotechnology	-	-	-	8	-	-	-	-	-	-
Medical laboratory technology	24	196	19	80	-	-	-	-	-	-
Medical technology	-	-	11	89	-	-	-	-	-	-
Microbiology technology	-	-	2	5	-	-	-	-	-	-
Medical laboratory technologies, other	3	17	-	-	-	-	-	-	-	-
Alcohol/drug abuse specialty	-	-	1	6	-	-	-	-	-	-
Genetic counseling	-	3	-	-	-	-	-	-	-	-
Mental health/human services assisting	6	47	-	-	-	-	-	-	-	-
Mental health/human services technology	9	45	3	39	-	-	-	-	-	-
Rehabilitation counseling	-	-	-	-	-	-	18	22	-	-
Human services technologies	-	7	-	-	-	-	-	-	-	-
Habilitative services	-	-	-	4	-	-	-	-	-	-
Community living arrangements	-	1	-	-	-	-	-	-	-	-
Animal technology	1	36	-	-	-	-	-	-	-	-
Medical assisting	11	215	-	-	-	-	-	-	-	-
Medical illustrating	-	-	1	4	-	-	-	-	-	-
Medical records technology	-	35	-	-	-	-	-	-	-	-
Pharmacy assisting	4	8	-	-	-	-	-	-	-	-
Physician assisting-primary care	8	8	25	50	-	-	-	-	-	-
Veterinarian aide	-	11	-	-	-	-	-	-	-	-
Veterinarian assisting	1	62	-	-	-	-	-	-	-	-
Geriatric aide	-	2	-	-	-	-	-	-	-	-
Ophthalmic dispensing	1	1	-	-	-	-	-	-	-	-
Ophthalmic services, other	-	3	-	-	-	-	-	-	-	-
Art therapy	-	1	-	8	-	-	4	24	-	-
Dance Therapy	-	-	-	-	-	-	-	9	-	-
Music Therapy	-	-	4	51	-	-	4	4	-	-
Occupational therapy	-	-	2	60	-	-	-	-	-	-
Occupational therapy assisting	1	58	-	-	-	-	-	-	-	-
Physical therapy	-	-	21	77	-	-	2	1	-	-
Physical therapy assisting	4	50	-	-	-	-	-	-	-	-
Recreational therapy	-	10	-	-	-	-	-	-	-	-
Respiratory therapy	8	15	4	21	-	-	-	-	-	-
Respiratory therapy assisting	-	1	-	-	-	-	-	-	-	-
Speech-language pathology/audiology	-	-	1	22	-	-	-	-	-	-
Vision rehabilitation	-	-	-	1	-	-	-	-	-	-
Environmental health	-	-	4	10	-	-	-	-	-	-
Allied health, other	1	9	2	37	-	-	18	52	-	-
HEALTH SCIENCES--Total	106	1 219	620	2 839	1 493	554	159	628	39	39
Speech pathology	-	-	-	-	-	-	1	5	-	-
Speech pathology/audiology	-	-	1	32	-	-	6	74	1	8
Clinical biochemistry	-	-	10	5	-	-	4	2	3	1
Clinical microbiology	-	-	-	-	-	-	9	9	2	1
Clinical pathology	-	-	-	-	-	-	-	-	1	-
Physiology	-	-	-	-	-	-	-	3	-	-
Basic clinical health sciences, other	-	-	-	5	-	-	-	-	-	1
Dentistry, general	-	-	-	-	316	70	-	-	-	-
Endodontics	-	-	-	-	-	-	2	-	-	-
Orthodontics	-	-	-	-	-	-	4	1	-	-
Pedodontics	-	-	-	-	-	-	2	-	-	-
Prosthodontics	-	-	-	-	-	-	5	1	-	-
Dentistry, other	-	-	-	-	-	-	2	1	1	-
Epidemiology	-	-	-	-	-	-	5	18	5	3
Health care administration	-	-	53	109	-	-	48	91	2	3
Medical records administration	-	-	4	45	-	-	-	-	-	-
Health sciences administration, other	-	-	13	19	-	-	17	11	-	-
Medical laboratory	-	-	14	71	-	-	-	1	-	-
Medicine, general	-	-	-	-	740	320	-	-	-	-
Immunology	-	-	-	-	-	-	-	-	2	4
Pathology	-	-	-	-	-	-	-	-	2	-
Psychiatry	-	-	-	-	-	-	-	-	2	-
Medicine, other	-	-	-	-	-	-	1	3	6	6
Nursing, general	103	1 214	92	2 129	-	-	9	240	-	3
Anesthetist	1	3	13	20	-	-	2	4	-	-
Maternal/child health	-	-	-	-	-	-	-	13	-	3
Medical surgical	-	-	-	-	-	-	-	15	-	-
Nursing administration	-	-	-	-	-	-	1	38	-	-
Psychiatric/mental health	-	-	-	-	-	-	1	11	-	2
Nursing, other	-	-	-	17	-	-	-	45	-	-
Optometry	-	-	-	-	119	26	-	-	-	-
Osteopathic medicine	-	-	-	-	156	50	-	-	-	-
Pharmacy	-	-	240	281	11	15	13	8	7	1
Podiatry	-	-	1	-	97	19	2	-	-	-
Population and family planning	-	-	-	-	-	-	5	4	-	-
Pre-dentistry	-	-	4	4	-	-	-	-	-	-
Pre-medicine	-	2	56	29	-	-	-	-	-	-

TABLE 5

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX
BY FIELD OF STUDY, 1982-83--Continued

	Associate Degrees		Bachelor's Degrees		First-Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
HEALTH SCIENCES--Concluded										
Pre-pharmacy	2	-	-	-	-	-	-	-	-	-
Pre-veterinary	-	-	2	2	-	-	-	-	-	-
Public health laboratory science	-	-	7	20	-	-	-	-	-	-
Veterinary medicine	-	-	-	-	54	54	-	-	-	-
Health sciences, other	-	-	110	55	-	-	20	30	5	3
HOME ECONOMICS--Total	11	56	64	681	-	-	15	77	3	11
Home economics, general	-	-	-	17	-	-	1	2	-	-
Business home economics	-	-	-	1	-	-	-	-	-	-
Family and community services, general	-	-	-	21	-	-	-	-	-	-
Family/consumer resource management, general	-	-	-	14	-	-	-	-	-	-
Consumer science	-	-	-	56	-	-	-	-	-	-
Food sciences and human nutrition, general	-	-	25	136	-	-	3	11	-	-
Dietetics/human nutrition services	-	-	10	159	-	-	4	22	-	2
Food sciences and human nutrition, other	-	-	-	-	-	-	-	4	-	-
Individual and family development, general	-	-	17	165	-	-	3	19	3	9
Family counseling	-	-	-	-	-	-	2	6	-	-
Geriatric services	-	-	-	1	-	-	-	-	-	-
Textiles and clothing, general	-	-	-	14	-	-	-	3	-	-
Fashion design	11	56	12	92	-	-	2	10	-	-
Textiles and clothing, retail	-	-	-	5	-	-	-	-	-	-
VOCATIONAL HOME ECONOMICS--Total	46	301	1	70	-	-	-	3	-	-
Child development, care, and guidance	-	-	-	17	-	-	-	-	-	-
Food and nutrition	-	-	1	16	-	-	-	-	-	-
Child care & guidance management & services, general	1	99	-	30	-	-	-	3	-	-
Child care aide/assisting	3	92	-	-	-	-	-	-	-	-
Teacher aide	-	49	-	-	-	-	-	-	-	-
Food production, management & services, general	6	10	-	-	-	-	-	-	-	-
Chef/cook	15	4	-	-	-	-	-	-	-	-
Dietetic aide/assisting	3	33	-	-	-	-	-	-	-	-
Food service	14	6	-	-	-	-	-	-	-	-
Food production, management & services, other	4	8	-	-	-	-	-	-	-	-
Institutional, home mgmt. & support services, general	-	-	-	7	-	-	-	-	-	-
LAW--Total	4	70	30	36	824	534	45	9	-	-
Law	-	-	-	-	824	534	-	-	-	-
Pre-law	-	-	22	27	-	-	-	-	-	-
Legal assisting	3	70	-	-	-	-	-	-	-	-
Law, other	1	-	8	9	-	-	45	9	-	-
LETTERS--Total	1	11	687	1 368	-	-	82	139	32	50
English, general	1	10	382	854	-	-	60	96	18	29
Classics	-	-	11	14	-	-	5	2	1	-
Comparative literature	-	-	2	4	-	-	-	4	1	-
Creative writing	-	-	36	53	-	-	-	-	-	-
Linguistics(includes phonetics, semantics, & philology)	-	-	2	12	-	-	2	12	3	4
Literature, English	-	-	35	76	-	-	1	2	-	-
Speech, debate, and forensics	-	-	199	302	-	-	10	12	7	8
Technical and business writing	-	-	7	24	-	-	1	5	-	-
Letters, other	-	1	13	29	-	-	3	6	2	9
LIBERAL/GENERAL STUDIES--Total	670	1 060	335	352	-	-	39	40	13	6
Liberal/general studies	564	925	318	322	-	-	39	40	13	6
Liberal/general studies, other	106	135	17	30	-	-	-	-	-	-
LIBRARY AND ARCHIVAL SCIENCES--Total	1	3	9	32	-	-	54	187	1	5
Library and archival sciences, general	-	-	4	4	-	-	-	-	-	-
Library assisting	1	3	-	-	-	-	-	-	-	-
Library science	-	-	5	28	-	-	54	187	1	5
LIFE SCIENCES--Total	26	20	1 347	1 194	-	-	133	74	82	51
Biology, general	20	20	1 148	997	-	-	65	36	12	5
Biochemistry and biophysics	-	-	81	46	-	-	10	7	18	7
Botany, general	-	-	-	-	-	-	-	1	1	-
Plant pathology	-	-	-	-	-	-	4	3	4	3
Molecular biology	-	-	-	-	-	-	1	-	1	-
Cell and olecular biology, other	-	-	2	1	-	-	1	-	1	-
Microbiology	-	-	58	97	-	-	5	4	12	3
Anatomy	-	-	-	-	-	-	2	1	5	10
Ecology	-	-	9	3	-	-	7	2	2	-
Marine biology	-	-	7	8	-	-	-	-	-	-

TABLE 5

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX
BY FIELD OF STUDY, 1982-83--Continued

	Associate Degrees		Bachelor's Degrees		First-Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
LIFE SCIENCES--Concluded										
Neurosciences	-	-	10	4	-	-	-	-	1	-
Parasitology	-	-	-	-	-	-	-	-	2	-
Toxicology	-	-	5	9	-	-	-	-	-	-
Miscellaneous specialized areas, life, sciences, other	-	-	17	17	-	-	-	-	-	-
Zoology, general	-	-	-	-	-	-	1	-	-	2
Entomology	-	-	9	-	-	-	5	1	2	-
Genetics, human and animal	-	-	-	-	-	-	2	2	4	9
Pathology, human and animal	-	-	-	-	-	-	4	3	2	2
Pharmacology, human and animal	-	-	-	-	-	-	6	3	8	5
Physiology, human and animal	-	-	-	-	-	-	14	5	7	5
Zoology, other	-	-	-	5	-	-	-	-	-	-
Life sciences, other	6	-	1	7	-	-	6	6	-	-
MATHEMATICS--Total	9	2	414	365	-	-	76	38	21	4
Mathematics, general	5	2	323	300	-	-	53	34	16	2
Actuarial sciences	-	-	21	6	-	-	2	-	-	-
Applied mathematics	-	-	61	39	-	-	7	1	-	-
Statistics	-	-	2	1	-	-	14	3	5	2
Mathematics, other	4	-	7	19	-	-	-	-	-	-
MILITARY SCIENCES--Total	1	-	-	-	-	-	-	-	-	-
Military science (Army)	1	-	-	-	-	-	-	-	-	-
MULTI/INTERDISCIPLINARY STUDIES--Total	24	41	313	257	-	-	44	43	10	1
Biological and physical sciences	13	13	65	45	-	-	-	-	-	-
Clinical pastoral care	-	-	-	-	-	-	3	7	-	-
Engineering and other disciplines	-	-	3	2	-	-	10	2	8	-
Humanities and social sciences	10	28	64	86	-	-	13	17	1	-
Peace studies	-	-	1	-	-	-	1	-	-	1
Women's studies	-	-	-	4	-	-	-	-	-	-
Public/health/administration	-	-	-	-	-	-	2	1	-	-
Environmental studies	-	-	24	15	-	-	-	-	-	-
Environmental science	-	-	20	7	-	-	-	-	-	-
Communications/English	-	-	-	1	-	-	-	-	-	-
Mathematics and computer science	-	-	3	2	-	-	-	-	-	-
Multi/interdisciplinary studies, other	1	-	133	95	-	-	15	16	1	-
PARKS AND RECREATION--Total	12	17	103	184	-	-	13	24	5	3
Parks and recreation, general	-	-	1	7	-	-	-	-	-	-
Parks and recreation management	3	6	102	177	-	-	13	24	2	1
Parks and recreation, other	9	11	-	-	-	-	-	-	3	2
PHILOSOPHY AND RELIGION--Total	1	-	251	179	-	-	53	67	19	7
Philosophy	1	-	142	65	-	-	20	9	13	5
Religion	-	-	107	114	-	-	18	47	5	1
Philosophy and religion, other	-	-	2	-	-	-	15	11	1	1
THEOLOGY--Total	17	25	206	168	274	61	135	66	68	-
Biblical languages	-	-	-	-	-	-	-	-	1	-
Bible studies	12	22	116	90	-	-	11	1	-	-
Missionary studies	-	-	1	2	-	-	-	-	-	-
Religious education	-	-	11	45	-	-	17	54	18	-
Religious music	-	-	3	8	-	-	-	-	-	-
Theological studies	-	-	75	22	274	61	104	11	17	-
Theology, other	5	3	-	1	-	-	3	-	32	-
PHYSICAL SCIENCES--Total	20	8	1 258	504	-	-	213	73	131	36
Physical sciences, general	14	3	34	12	-	-	4	1	-	-
Astronomy	-	-	11	5	-	-	-	1	5	2
Atmospheric sciences and meteorology	-	-	53	8	-	-	10	1	6	-
Chemistry, general	3	5	523	312	-	-	74	37	64	21
Organic chemistry	-	-	-	-	-	-	-	-	2	-
Pharmaceutical chemistry	-	-	-	-	-	-	-	1	-	-
Physical chemistry	-	-	-	-	-	-	-	-	1	1
Chemistry, other	-	-	3	2	-	-	-	-	1	-
Geology	-	-	187	64	-	-	29	9	11	1
Geochemistry	-	-	1	1	-	-	-	-	-	-
Geophysics and seismology	-	-	3	1	-	-	6	3	2	-
Geoenvironmental studies	-	-	20	5	-	-	7	2	-	-
Geological sciences, other	-	-	47	7	-	-	-	-	-	-
Earth science	-	-	72	26	-	-	3	1	-	-
Physics, general	3	-	246	38	-	-	62	14	27	3
Physical sciences, other	-	-	58	23	-	-	18	3	12	8

TABLE 5

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX
BY FIELD OF STUDY, 1982-83--Continued

	Associate Degrees		Bachelor's Degrees		First-Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
SCIENCE TECHNOLOGIES--Total	64	21	-	-	-	-	-	-	-	-
Nuclear power plant operation technology	13	3	-	-	-	-	-	-	-	-
Nuclear power plant radiation control technology	2	1	-	-	-	-	-	-	-	-
Nuclear technologies, other	31	5	-	-	-	-	-	-	-	-
Chemical technology	9	8	-	-	-	-	-	-	-	-
Science technologies, other	9	4	-	-	-	-	-	-	-	-
PSYCHOLOGY--Total	6	9	787	1 657	-	-	140	203	45	50
Psychology, general	5	7	725	1 541	-	-	89	104	25	28
Clinical psychology	-	-	-	-	-	-	9	14	13	12
Community psychology	-	-	-	8	-	-	5	11	-	-
Counseling psychology	-	-	3	1	-	-	22	43	6	8
Developmental psychology	-	-	-	-	-	-	-	1	-	1
Experimental psychology	-	-	1	-	-	-	-	-	-	-
Industrial and organizational psychology	-	-	3	9	-	-	1	-	-	-
Physiological psychology	-	-	36	40	-	-	-	-	-	-
Psychobiology	-	-	9	11	-	-	-	-	-	-
Quantitative psychology	-	-	-	-	-	-	-	4	-	-
Social psychology	-	-	1	9	-	-	7	11	1	1
Gerontology	-	-	-	-	-	-	1	4	-	-
Human relations	-	-	-	2	-	-	-	-	-	-
Psychological services	-	-	-	-	-	-	6	11	-	-
Psychology, other	1	2	9	36	-	-	-	-	-	-
PROTECTIVE SERVICES--Total	283	116	523	335	-	-	24	11	-	-
Correctional administration	-	-	34	22	-	-	5	5	-	-
Corrections	8	16	-	3	-	-	-	-	-	-
Criminal justice administration	14	5	79	37	-	-	3	3	-	-
Criminal justice studies	23	9	251	135	-	-	15	3	-	-
Criminal justice technology	94	41	51	41	-	-	-	-	-	-
Law enforcement	60	28	11	11	-	-	-	-	-	-
Law enforcement administration	27	10	-	-	-	-	-	-	-	-
Security services	1	-	1	-	-	-	-	-	-	-
Criminal justice, other	-	-	93	86	-	-	-	-	-	-
Fire control and safety technology	42	-	-	-	-	-	-	-	-	-
Fire protection administration	-	-	3	-	-	-	1	-	-	-
Fire protection, other	8	-	-	-	-	-	-	-	-	-
Protective services, other	8	7	-	-	-	-	-	-	-	-
PUBLIC AFFAIRS--Total	4	48	253	785	-	-	423	569	22	16
Public affairs, general	-	-	19	21	-	-	36	15	5	8
Community services	-	4	-	-	-	-	3	5	3	-
International public service	-	-	23	20	-	-	31	12	-	-
Public administration	1	7	91	47	-	-	230	113	-	-
Public policy studies	-	-	9	11	-	-	5	2	1	-
Public works, other	-	-	3	-	-	-	1	-	-	-
Social work, general	2	20	68	484	-	-	73	226	11	5
Social work, other	1	17	14	82	-	-	42	189	2	3
Human services, general	-	-	26	119	-	-	-	-	-	-
Public affairs, other	-	-	-	1	-	-	2	7	-	-
SOCIAL SCIENCES--Total	45	54	3 098	2 424	-	-	266	153	76	45
Social sciences, general	11	15	75	96	-	-	4	5	-	-
Anthropology	-	-	40	91	-	-	12	13	12	18
Archeology	-	-	2	8	-	-	2	5	2	3
Criminology	16	2	121	80	-	-	9	2	-	-
Demography	-	-	-	-	-	-	9	5	3	2
Economics	-	-	964	536	-	-	53	14	15	5
Geography	-	-	95	38	-	-	19	7	4	-
History	-	1	564	311	-	-	73	34	13	10
International relations	-	-	69	78	-	-	13	9	1	-
Political science and government	2	1	908	588	-	-	52	14	7	3
Sociology	5	4	203	495	-	-	14	33	9	1
Urban studies	-	2	30	30	-	-	2	-	-	-
Sociology/anthropology	-	-	13	31	-	-	-	-	-	-
Social sciences, other	11	31	14	42	-	-	4	12	10	3
CONSTRUCTION TRADES--Total	222	2	-	-	-	-	-	-	-	-
Carpentry	27	-	-	-	-	-	-	-	-	-
Electrician	121	2	-	-	-	-	-	-	-	-
Building maintenance	3	-	-	-	-	-	-	-	-	-
Miscellaneous construction trades, other	17	-	-	-	-	-	-	-	-	-
Construction trades, other	54	-	-	-	-	-	-	-	-	-

TABLE 5

ASSOCIATE AND HIGHER DEGREES CONFERRED BY LEVEL OF PROGRAM AND SEX
BY FIELD OF STUDY, 1982-83--Concluded

	Associate Degrees		Bachelor's Degrees		First-Professional Degrees		Master's Degrees		Doctor's Degrees	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
MECHANICS AND REPAIRERS--Total	129	3	-	-	-	-	-	-	-	-
Computer electronics	6	-	-	-	-	-	-	-	-	-
Motor repair	7	-	-	-	-	-	-	-	-	-
Heating, air cond., and refrigeration mech., general	83	1	-	-	-	-	-	-	-	-
Cooling and refrigeration	7	-	-	-	-	-	-	-	-	-
Heating and air conditioning	6	-	-	-	-	-	-	-	-	-
Aircraft mechanics	3	-	-	-	-	-	-	-	-	-
Automotive body repair	1	-	-	-	-	-	-	-	-	-
Automotive mechanics	14	2	-	-	-	-	-	-	-	-
Diesel engine mechanics	2	-	-	-	-	-	-	-	-	-
PRECISION PRODUCTION--Total	661	205	12	4	-	-	-	-	-	-
Drafting, general	159	39	-	-	-	-	-	-	-	-
Architectural drafting	121	32	-	-	-	-	-	-	-	-
Civil/structural drafting	4	-	-	-	-	-	-	-	-	-
Mechanical drafting	137	17	-	-	-	-	-	-	-	-
Drafting, other	1	-	-	-	-	-	-	-	-	-
Graphic and printing communications, general	9	3	-	-	-	-	-	-	-	-
Commercial art	38	63	-	-	-	-	-	-	-	-
Commercial photography	57	46	-	-	-	-	-	-	-	-
Graphics communications technology	-	-	12	4	-	-	-	-	-	-
Machine tool operation/machine shop	66	-	-	-	-	-	-	-	-	-
Tool and die making	53	3	-	-	-	-	-	-	-	-
Welding, brazing, and soldering	7	-	-	-	-	-	-	-	-	-
Woodworking, general	9	2	-	-	-	-	-	-	-	-
TRANSPORTATION AND MATERIAL MOVING--Total	50	7	-	-	-	-	-	-	-	-
Airplane piloting and navigation	2	-	-	-	-	-	-	-	-	-
Aviation computer technology	30	2	-	-	-	-	-	-	-	-
Aviation management	1	-	-	-	-	-	-	-	-	-
Air traffic control	17	5	-	-	-	-	-	-	-	-
VISUAL AND PERFORMING ARTS--Total	162	206	664	1 300	-	-	120	165	9	17
Visual and performing arts, general	5	21	19	27	-	-	-	-	-	-
Crafts, general	-	-	9	18	-	-	1	2	-	-
Ceramics	-	-	3	8	-	-	-	2	-	-
Fiber/textiles/weaving	-	-	5	56	-	-	-	1	-	-
Metal/jewelry	-	-	7	12	-	-	3	2	-	-
Dance	-	-	7	48	-	-	2	8	-	2
Design, general	-	-	20	31	-	-	-	-	-	-
Graphic design	80	88	40	94	-	-	2	3	-	-
Illustration design	6	9	18	43	-	-	-	-	-	-
Industrial design	-	-	15	7	-	-	-	-	-	-
Theatre design	1	-	-	-	-	-	-	-	-	-
Design, other	-	1	-	17	-	-	-	-	-	-
Dramatic arts	1	7	98	138	-	-	24	20	1	2
Cinematography/film	-	-	15	8	-	-	-	-	-	-
Photography	11	9	15	33	-	-	4	-	-	-
Fine arts, general	3	13	107	201	-	-	14	28	1	-
Art history and appreciation	-	-	23	82	-	-	2	12	3	10
Arts management	-	-	-	1	-	-	-	-	-	-
Drawing	-	-	2	2	-	-	-	-	-	-
Intermedia	-	-	16	29	-	-	1	3	-	-
Painting	-	-	21	61	-	-	-	5	-	-
Sculpture	-	-	2	7	-	-	1	1	-	-
Art	-	-	57	164	-	-	-	-	-	-
Fine arts, other	-	1	37	58	-	-	13	3	-	-
Graphic arts technology	36	27	7	14	-	-	1	6	-	-
Music, general	2	3	51	57	-	-	22	26	2	2
Music history and appreciation	-	-	-	-	-	-	1	1	-	-
Music performance	2	1	56	74	-	-	14	30	1	-
Music theory and composition	-	-	1	2	-	-	7	2	1	1
Music merchandising	-	-	5	-	-	-	-	-	-	-
Music, other	-	-	5	6	-	-	7	5	-	-
Visual communication	-	-	1	-	-	-	-	-	-	-
Visual and performing arts, other	15	26	2	2	-	-	1	5	-	-

TABLE 6

DEGREES AND OTHER FORMAL AWARDS CONFERRED BY INSTITUTION BY LEVEL OF PROGRAM, 1982-83

	Postsecondary Certificates	Total Associate and Higher Degrees	Associate Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
TOTAL, ALL INSTITUTIONS (212)	10 691	96 976	20 831	57 231	3 740	13 411	1 763
STATE UNIVERSITIES (14)	-	14 370	241	12 088	-	2 024	17
Bloomsburg University	-	1 317	-	1 141	-	176	-
California University	-	751	48	599	-	104	-
Cheyney University	-	327	-	297	-	30	-
Clarion University--Total	-	964	55	799	-	110	-
Main Campus	-	909	-	799	-	110	-
Venango Campus	-	55	55	-	-	-	-
East Stroudsburg University	-	768	1	671	-	96	-
Edinboro University	-	1 027	90	779	-	158	-
Indiana University	-	2 826	13	2 395	-	401	17
Kutztown University	-	827	-	725	-	102	-
Lock Haven University	-	429	-	429	-	-	-
Mansfield University	-	418	26	355	-	37	-
Millersville University	-	1 127	7	975	-	145	-
Shippensburg University	-	1 244	-	940	-	304	-
Slippery Rock University	-	986	-	860	-	126	-
West Chester University	-	1 359	1	1 123	-	235	-
STATE-RELATED COMMONWEALTH UNIVERSITIES (4)	2 691	25 272	2 335	15 911	1 235	4 744	1 047
Lincoln University	-	249	-	169	-	80	-
The Pennsylvania State University--Total	2 561	13 140	2 122	9 154	97	1 353	414
Main Campus	2 552	10 081	87	8 377	-	1 220	397
Altoona Campus	-	228	228	-	-	-	-
Beaver Campus	-	101	101	-	-	-	-
Behrend College	-	178	72	103	-	3	-
Berks Campus	-	116	116	-	-	-	-
Capitol Campus	-	778	-	674	-	104	-
Delaware Campus	-	48	48	-	-	-	-
DuBois Campus	-	148	148	-	-	-	-
Fayette Campus	-	118	118	-	-	-	-
Hazleton Campus	-	108	108	-	-	-	-
Milton S. Hershey Medical Center	9	146	28	-	97	4	17
King of Prussia Center for Graduate Studies	-	22	-	-	-	22	-
McKeesport Campus	-	95	95	-	-	-	-
Mont Alto Campus	-	80	80	-	-	-	-
New Kensington Campus	-	156	156	-	-	-	-
Ogontz Campus	-	97	97	-	-	-	-
Schuylkill Campus	-	115	115	-	-	-	-
Shenango Valley Campus	-	98	98	-	-	-	-
Wilkes-Barre Campus	-	160	160	-	-	-	-
Worthington Scranton Campus	-	167	167	-	-	-	-
York Campus	-	100	100	-	-	-	-
Temple University	27	5 415	118	3 088	686	1 297	226
University of Pittsburgh--Total	103	6 468	95	3 500	452	2 014	407
Main Campus	103	5 895	-	3 022	452	2 014	407
Bradford Campus	-	122	78	44	-	-	-
Johnstown Campus	-	434	-	434	-	-	-
Titusville Campus	-	17	17	-	-	-	-
COMMUNITY COLLEGES (14)	2 297	8 463	8 463	-	-	-	-
Bucks County Community College	32	748	748	-	-	-	-
Butler County Community College	83	255	255	-	-	-	-
Community College of Allegheny County	744	1 786	1 786	-	-	-	-
Community College of Beaver County	128	372	372	-	-	-	-
Community College of Philadelphia	124	774	774	-	-	-	-
Delaware County Community College	70	632	632	-	-	-	-
Harrisburg Area Community College	54	767	767	-	-	-	-
Lehigh County Community College	89	459	459	-	-	-	-
Luzerne County Community College	139	456	456	-	-	-	-
Montgomery County Community College	14	607	607	-	-	-	-
Northampton County Community College	121	469	469	-	-	-	-
Reading Area Community College	-	179	179	-	-	-	-
Westmoreland County Community College	90	347	347	-	-	-	-
Williamsport Area Community College	609	612	612	-	-	-	-
PRIVATE STATE-AIDED INSTITUTIONS (12)	62	10 024	241	5 277	1 585	2 508	413
Delaware Valley College of Science and Agriculture	-	323	-	323	-	-	-
Drexel University	-	2 075	-	1 436	-	629	10
Hahnemann University	4	533	166	78	179	86	24
Medical College of Pennsylvania	-	137	-	-	120	10	7
Pennsylvania College of Optometry	-	276	-	131	145	-	-
Pennsylvania College of Podiatric Medicine	-	118	-	-	116	2	-
Philadelphia College of Art	7	219	3	211	-	5	-
Philadelphia College of Osteopathic Medicine	21	206	-	-	206	-	-
Philadelphia College of Textiles and Science	-	530	9	463	-	58	-

TABLE 6

DEGREES AND OTHER FORMAL AWARDS CONFERRED BY INSTITUTION BY LEVEL OF PROGRAM, 1982-83--Continued

	Postsecondary Certificates	Total Associate and Higher Degrees	Associate Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
PRIVATE STATE-AIDED INSTITUTIONS--Concluded							
Philadelphia College of the Performing Arts	2	52	-	43	-	9	-
Thomas Jefferson University	-	442	2	212	211	6	11
University of Pennsylvania	28	5 113	61	2 380	608	1 703	361
PRIVATE COLLEGES AND UNIVERSITIES (81)	4 541	30 175	1 425	23 939	620	3 972	219
Academy of the New Church	-	39	29	8	2	-	-
Albright College	-	318	-	318	-	-	-
Allegheny College	-	405	-	405	-	-	-
Allentown College of St. Francis De Sales	-	167	-	167	-	-	-
Alliance College	2	62	33	29	-	-	-
Alvernia College	-	104	19	85	-	-	-
American College	4 234	131	-	-	-	131	-
Antioch University	-	269	-	138	-	131	-
Baptist Bible College and School of Theology	24	166	34	119	13	-	-
Beaver College	-	396	13	180	-	203	-
Bryn Mawr College	-	426	-	263	-	126	37
Bucknell University	-	819	-	766	-	53	-
Cabrini College	-	126	-	126	-	-	-
Carlow College	-	156	-	156	-	-	-
Carnegie-Mellon University	-	1 312	-	818	-	397	97
Cedar Crest College	-	211	-	211	-	-	-
Chatham College	-	127	-	127	-	-	-
Chestnut Hill College	-	155	1	136	-	18	-
College Misericordia	9	243	17	224	-	2	-
Combs College of Music	-	18	-	12	-	5	1
Curtis Institute of Music	16	23	-	23	-	-	-
Dickinson College	-	425	-	425	-	-	-
Dickinson School of Law	-	171	-	-	166	5	-
Dropsie College	-	12	-	-	-	10	2
Duquesne University	-	1 503	-	970	201	311	21
Eastern College	-	113	-	113	-	-	-
Elizabethtown College	-	296	8	288	-	-	-
Franklin and Marshall College	35	545	75	470	-	-	-
Gannon University	-	652	82	475	-	95	-
Geneva College	-	264	5	259	-	-	-
Gettysburg College	-	435	-	435	-	-	-
Gratz College	3	8	-	8	-	-	-
Grove City College	-	501	-	501	-	-	-
Gwynedd-Mercy College	52	443	173	270	-	-	-
Haverford College	-	233	-	233	-	-	-
Holy Family College	2	164	-	164	-	-	-
Immaculata College	-	166	14	152	-	-	-
Juniata College	-	301	-	301	-	-	-
King's College	8	441	23	418	-	-	-
Lafayette College	-	504	-	504	-	-	-
Lancaster Bible College	19	59	-	59	-	-	-
LaRoche College	-	286	-	269	-	17	-
LaSalle College	-	1 303	45	1 042	-	216	-
Lebanon Valley College	-	215	-	215	-	-	-
Lehigh University	-	1 520	-	1 005	-	461	54
Lycoming College	-	244	-	244	-	-	-
Marywood College	-	713	-	391	-	322	-
Mercyhurst College	-	195	5	184	-	6	-
Messiah College	2	288	-	288	-	-	-
Moore College of Art	-	111	-	111	-	-	-
Moravian--Total	-	355	-	345	9	1	-
Moravian College	-	345	-	345	-	-	-
Moravian Seminary	-	10	-	-	9	1	-
Muhlenberg College	-	347	4	343	-	-	-
Neumann College	-	119	-	119	-	-	-
New School of Music	9	11	-	11	-	-	-
Philadelphia College of Bible	-	96	-	96	-	-	-
Philadelphia College of Pharmacy and Science	-	222	-	203	15	4	-
Point Park College	-	510	39	471	-	-	-
Reconstructionist Rabbinical College	-	5	-	-	5	-	-
Robert Morris College	-	1 155	352	722	-	81	-
Rosemont College	-	99	-	99	-	-	-
St. Francis College	-	328	14	237	-	77	-
St. Joseph's University	1	960	44	721	-	195	-
St. Vincent--Total	28	154	-	146	6	2	-
St. Vincent College	28	146	-	146	-	-	-
St. Vincent Seminary	-	8	-	-	6	2	-
Seton Hill College	-	175	-	175	-	-	-
Spring Garden College	53	252	69	183	-	-	-
Susquehanna University	26	325	5	320	-	-	-
Swarthmore College	-	339	-	339	-	-	-
Thiel College	-	173	8	165	-	-	-
United Wesleyan College	-	50	7	43	-	-	-

TABLE 6

DEGREES AND OTHER FORMAL AWARDS CONFERRED BY INSTITUTION BY LEVEL OF PROGRAM, 1982-83--Continued

	Postsecondary Certificates	Total Associate and Higher Degrees	Associate Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
PRIVATE COLLEGES AND UNIVERSITIES--Concluded							
University of Scranton	-	979	12	710	-	257	-
Ursinus College	-	285	18	267	-	-	-
Valley Forge Christian College	12	83	-	83	-	-	-
Villa Maria College	-	131	37	94	-	-	-
Villanova University	6	2 283	5	1 586	203	482	7
Washington and Jefferson College	-	232	-	232	-	-	-
Waynesburg College	-	162	15	147	-	-	-
Westminster College	-	383	-	334	-	49	-
Widener University	-	927	43	652	-	232	-
Wilkes College	-	580	-	515	-	65	-
Wilson College	-	44	9	35	-	-	-
York College of Pennsylvania	-	627	168	441	-	18	-
THEOLOGICAL SEMINARIES (16)	13	546	-	16	300	163	67
Biblical Theological Seminary	-	36	-	-	27	9	-
Calvary Baptist Theological Seminary	-	5	-	-	5	-	-
Christ the Saviour Seminary	-	2	-	2	-	-	-
Eastern Baptist Theological Seminary	-	70	-	-	38	-	32
Evangelical School of Theology	-	13	-	-	10	3	-
Faith Theological Seminary	-	10	-	-	7	3	-
Lancaster Theological Seminary	-	42	-	-	29	5	8
Lutheran Theological Seminary--Gettysburg	-	43	-	-	37	5	1
Lutheran Theological Seminary--Philadelphia	-	37	-	-	27	7	3
Mary Immaculate Seminary	-	7	-	-	4	3	-
Pittsburgh Theological Seminary	-	52	-	-	26	8	18
Reformed Presbyterian Theological Seminary	-	8	-	-	8	-	-
St. Charles Borromeo Seminary	-	76	-	14	16	46	-
Theological Seminary of the Reformed Episcopal Church	-	10	-	-	10	-	-
Trinity Episcopal School of Ministry	13	17	-	-	17	-	-
Westminster Theological Seminary	-	118	-	-	39	74	5
PRIVATE JUNIOR COLLEGES (9)	70	1 617	1 617	-	-	-	-
Harcum Junior College	-	397	397	-	-	-	-
Keystone Junior College	-	206	206	-	-	-	-
Lackawanna Junior College	12	288	288	-	-	-	-
Manor Junior College	-	77	77	-	-	-	-
Mt. Aloysius Junior College	22	155	155	-	-	-	-
Northeastern Christian Junior College	-	40	40	-	-	-	-
Peirce Junior College	34	396	396	-	-	-	-
Pinebrook Junior College	-	22	22	-	-	-	-
Valley Forge Military Junior College	2	36	36	-	-	-	-
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS[1/] (61)	1 017	6 424	6 424	-	-	-	-
Altoona School of Commerce	-	29	29	-	-	-	-
American Institute of Drafting, Inc.	7	124	124	-	-	-	-
Antonelli Institute of Art and Photography	-	80	80	-	-	-	-
Art Institute of Philadelphia	-	226	226	-	-	-	-
Art Institute of Pittsburgh	-	586	586	-	-	-	-
Berean Institute	95	44	44	-	-	-	-
Cambria-Rowe Business College	-	79	79	-	-	-	-
Center for Degree Studies	-	133	133	-	-	-	-
Central Pennsylvania Business School	-	263	263	-	-	-	-
Centre Business School, Inc.	-	13	13	-	-	-	-
Churchman Business School	-	55	55	-	-	-	-
Computer Systems Institute, Inc.	-	174	174	-	-	-	-
Dean Institute of Technology	114	98	98	-	-	-	-
DuBois Business College	-	59	59	-	-	-	-
Duff's Business Institute	-	155	155	-	-	-	-
Electronic Institutes--Harrisburg	-	101	101	-	-	-	-
Electronic Institutes--Pittsburgh	-	158	158	-	-	-	-
Erie Business Center	-	83	83	-	-	-	-
FPM Data School, Inc.	-	12	12	-	-	-	-
Hiram G. Andrews Center	-	26	26	-	-	-	-
Hussian School of Art	1	39	39	-	-	-	-
ICM School of Business	-	211	211	-	-	-	-
Johnson School of Technology	-	170	170	-	-	-	-
Keystone Secretarial and Business Administration School	-	67	67	-	-	-	-
Lansdale School of Business	-	36	36	-	-	-	-
Lincoln Technical Institute--Allentown	77	372	372	-	-	-	-
Lincoln Technical Institute--Philadelphia	-	25	25	-	-	-	-
Lyon School of Business	-	21	21	-	-	-	-
Lyons Technical Institute--Philadelphia	-	65	65	-	-	-	-
Lyons Technical Institute--Upper Darby	-	30	30	-	-	-	-
McCann School of Business	-	46	46	-	-	-	-
McCarrie Schools, Inc.	196	77	77	-	-	-	-
Median School	200	28	28	-	-	-	-

TABLE 6

DEGREES AND OTHER FORMAL AWARDS CONFERRED BY INSTITUTION BY LEVEL OF PROGRAM, 1982-83--Concluded

	Postsecondary Certificates	Total Associate and Higher Degrees	Associate Degrees	Bachelor's Degrees	First-Professional Degrees	Master's Degrees	Doctor's Degrees
SPECIALIZED ASSOCIATE DEGREE-GRANTING INSTITUTIONS--Concluded							
Monroeville School of Business	-	86	86	-	-	-	-
National Education Center--Allentown Campus	-	142	142	-	-	-	-
National Education Center--Thompson Harrisburg Campus	-	315	315	-	-	-	-
National Education Center--Vale Campus	229	103	103	-	-	-	-
National School of Health Technology, Inc.	-	35	35	-	-	-	-
New Castle School of Trades	-	29	29	-	-	-	-
New Kensington Commercial School	-	65	65	-	-	-	-
Palmer School, Inc.	-	5	5	-	-	-	-
Penn Commercial, Inc.	-	30	30	-	-	-	-
Penn Technical Institute	-	256	256	-	-	-	-
Pennco Tech	84	451	451	-	-	-	-
Pennsylvania Institute of Technology	5	70	70	-	-	-	-
Philadelphia School of Office Training	-	136	136	-	-	-	-
Philadelphia School of Printing and Advertising	-	12	12	-	-	-	-
Pittsburgh Beauty Academy	-	14	14	-	-	-	-
Pittsburgh Institute of Aeronautics	-	312	312	-	-	-	-
Pittsburgh Technical Institute	-	136	136	-	-	-	-
Schuylkill Business Institute	-	43	43	-	-	-	-
Shenango Valley School of Business	-	42	42	-	-	-	-
South Hills Business School	-	31	31	-	-	-	-
Tracey-Warner School	-	33	33	-	-	-	-
Triangle Institute of Technology	9	87	87	-	-	-	-
Triangle Institute of Technology--Erie Center	-	66	66	-	-	-	-
Triangle Institute of Technology--Greensburg Center	-	69	69	-	-	-	-
Welder Training and Testing Institute	-	7	7	-	-	-	-
Williamson Free School Mechanical Trades	-	60	60	-	-	-	-
Williamsport School of Commerce	-	33	33	-	-	-	-
Yorktowne Business Institute	-	71	71	-	-	-	-
STATE SCHOOL OF TECHNOLOGY[1/] (1)	-	85	85	-	-	-	-
Thaddeus Stevens State School of Technology	-	85	85	-	-	-	-

1/ Includes degrees conferred in associate in specialized business (ASB) and associate in specialized technology (AST) programs only.

TABLE 7

ASSOCIATE AND HIGHER DEGREES CONFERRED BY RACIAL/ETHNIC CATEGORY AND SEX
BY INSTITUTIONAL CATEGORY AND LEVEL OF PROGRAM, 1982-83

	Total Students		Non-Resident Alien		Black Non-Hispanic		American Indian or Alaskan Native		Asian or Pacific Islander		Hispanic		White Non-Hispanic	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
TOTAL, ALL INSTITUTIONS	48 671	48 305	1 794	655	1 797	3 160	69	68	697	425	346	309	43 968	43 688
Associate Degrees	9 707	11 124	74	38	548	1 142	20	16	128	82	70	64	8 867	9 782
Bachelor's Degrees	28 392	28 839	551	208	931	1 495	33	37	299	243	174	175	26 404	26 681
First-Professional Degrees	2 591	1 149	31	5	66	63	3	1	40	16	34	13	2 417	1 051
Master's Degrees	6 861	6 550	897	350	222	421	11	11	188	77	57	48	5 486	5 643
Doctor's Degrees	1 120	643	241	54	30	39	2	3	42	7	11	9	794	531
STATE UNIVERSITIES	6 036	8 334	74	22	283	375	7	13	21	21	23	29	5 628	7 874
Associate Degrees	86	155	1	-	-	3	-	-	-	-	-	-	85	152
Bachelor's Degrees	5 159	6 929	50	10	258	347	5	9	16	18	22	28	4 808	6 517
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Master's Degrees	782	1 242	23	12	25	25	2	4	5	3	1	1	726	1 197
Doctor's Degrees	9	8	-	-	-	-	-	-	-	-	-	-	9	8
STATE-RELATED COMMONWEALTH UNIVERSITIES	14 029	11 243	794	320	483	821	19	21	168	104	94	91	12 471	9 886
Associate Degrees	1 524	811	3	2	14	15	1	1	4	2	8	-	1 494	791
Bachelor's Degrees	8 643	7 268	162	64	322	541	11	11	98	64	41	48	8 009	6 540
First-Professional Degrees	824	411	2	-	31	35	-	1	14	3	10	4	767	368
Master's Degrees	2 392	2 352	455	217	96	201	5	6	47	33	26	32	1 763	1 863
Doctor's Degrees	646	401	172	37	20	29	2	2	5	2	9	7	438	324
COMMUNITY COLLEGES	3 450	5 013	29	8	175	482	10	11	57	55	28	36	3 151	4 421
Associate Degrees	3 450	5 013	29	8	175	482	10	11	57	55	28	36	3 151	4 421
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PRIVATE STATE-AIDED UNIVERSITIES	5 931	4 093	512	148	183	266	16	7	184	94	73	51	4 963	3 527
Associate Degrees	47	194	2	4	2	35	2	-	1	2	-	1	40	152
Bachelor's Degrees	3 069	2 208	117	41	105	153	10	5	98	62	41	37	2 698	1 910
First-Professional Degrees	1 133	452	11	3	25	21	2	-	20	9	17	5	1 058	414
Master's Degrees	1 440	1 068	319	87		47	2	1	60	18	14	6	999	909
Doctor's Degrees	242	171	63	13	5	10	-	1	5	3	1	2	168	142
PRIVATE COLLEGES AND UNIVERSITIES	14 580	15 595	323	136	311	634	13	14	196	127	94	77	13 638	14 607
Associate Degrees	396	1 029	18	6	8	34	3	2	1	2	5	4	361	981
Bachelor's Degrees	11 505	12 434	222	93	246	454	7	12	87	99	70	62	10 873	11 714
First-Professional Degrees	390	230	-	2	3	3	1	-	3	2	3	2	380	221
Master's Degrees	2 133	1 839	84	31	52	143	2	-	73	22	15	9	1 907	1 634
Doctor's Degrees	156	63	4	4	2	-	-	-	32	2	1	-	117	57
THEOLOGICAL SEMINARIES	441	105	36	3	13	9	-	-	6	3	5	2	381	88
Associate Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bachelor's Degrees	16	-	-	-	-	-	-	-	-	-	-	-	16	-
First-Professional Degrees	244	56	18	-	7	4	-	-	3	2	4	2	212	48
Master's Degrees	114	49	16	3	3	5	-	-	3	1	1	-	91	40
Doctor's Degrees	67	-	2	-	3	-	-	-	-	-	-	-	62	-
PRIVATE JUNIOR COLLEGES	365	1 252	9	16	29	141	-	-	2	1	1	2	324	1 092
Associate Degrees	365	1 252	9	16	29	141	-	-	2	1	1	2	324	1 092
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SP&C. ASSOC. DEGREE-GRANTING INST.[1/]	3 761	2 663	12	2	318	432	4	2	60	20	28	21	3 339	2 186
Associate Degrees	3 761	2 663	12	2	318	432	4	2	60	20	28	21	3 339	2 186
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
STATE SCHOOL OF TECHNOLOGY[1/]	78	7	-	-	2	-	-	-	3	-	-	-	73	7
Associate Degrees	78	7	-	-	2	-	-	-	3	-	-	-	73	7
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
First-Professional Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-

1/ Includes degrees conferred in associate in specialized business (ASB) and associate in specialized technology (AST) programs only.

TABLE 8

ASSOCIATE, BACHELOR'S, MASTER'S, AND DOCTOR'S DEGREES CONFERRED BY RACIAL/ETHNIC CATEGORY AND SEX
BY MAJOR FIELD OF STUDY AND LEVEL OF PROGRAM, 1982-83

	Total Students		Non-Resident Alien		Black Non-Hispanic		American Indian or Alaskan Native		Asian or Pacific Islander		Hispanic		White Non-Hispanic	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
TOTAL, ALL FIELDS	46 080	47 156	1 763	650	1 731	3 097	66	67	657	409	312	296	41 551	42 637
Associate Degrees	9 707	11 124	74	38	548	1 142	20	16	128	82	70	64	8 867	9 782
Bachelor's Degrees	28 392	28 839	551	208	931	1 495	33	37	299	243	174	175	26 404	26 681
Master's Degrees	6 861	6 550	897	350	222	421	11	11	188	77	57	48	5 486	5 643
Doctor's Degrees	1 120	643	241	54	30	39	2	3	42	7	11	9	794	531
AGRIBUSINESS AND AGRICULTURAL PRODUCTION	163	70	4	-	2	3	-	-	1	-	1	-	155	67
Associate Degrees	59	48	1	-	-	2	-	-	-	-	1	-	57	46
Bachelor's Degrees	92	20	-	-	2	1	-	-	1	-	-	-	89	19
Master's Degrees	12	2	3	-	-	-	-	-	-	-	-	-	9	2
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AGRICULTURAL SCIENCES	357	243	8	3	3	2	-	-	1	-	-	1	345	237
Associate Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bachelor's Degrees	319	226	1	-	2	1	-	-	1	-	-	1	316	224
Master's Degrees	22	16	5	3	1	1	-	-	-	-	-	-	15	12
Doctor's Degrees	16	1	2	-	-	-	-	-	-	-	-	-	14	1
RENEWABLE NATURAL RESOURCES	256	81	2	1	-	-	-	1	-	-	-	1	254	78
Associate Degrees	112	29	-	-	-	-	-	-	-	-	-	-	112	29
Bachelor's Degrees	129	46	-	1	-	-	-	1	-	-	-	1	129	43
Master's Degrees	13	6	2	-	-	-	-	-	-	-	-	-	11	6
Doctor's Degrees	2	-	-	-	-	-	-	-	-	-	-	-	2	-
ARCHITECTURE & ENVIRONMENTAL DESIGN	346	289	40	22	12	11	1	-	4	4	5	4	284	248
Associate Degrees	47	83	-	2	7	8	-	-	1	1	-	1	39	71
Bachelor's Degrees	179	139	1	5	5	3	1	-	1	2	2	2	169	127
Master's Degrees	100	62	26	13	-	-	-	-	1	1	3	1	70	47
Doctor's Degrees	20	5	13	2	-	-	-	-	1	-	-	-	6	3
AREA AND ETHNIC STUDIES	65	132	5	10	8	6	-	-	1	4	1	-	50	112
Associate Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bachelor's Degrees	46	96	2	7	8	5	-	-	1	4	1	-	34	80
Master's Degrees	15	31	2	3	-	1	-	-	-	-	-	-	13	27
Doctor's Degrees	4	5	1	-	-	-	-	-	-	-	-	-	3	5
BUSINESS AND MANAGEMENT	11 971	7 682	370	111	313	403	8	1	116	78	58	37	11 106	7 052
Associate Degrees	1 085	1 224	11	6	31	89	-	1	3	10	5	7	1 035	1 111
Bachelor's Degrees	8 388	5 455	118	39	223	247	6	-	52	48	37	27	7 952	5 094
Master's Degrees	2 457	998	229	65	58	67	2	-	56	20	16	3	2 096	843
Doctor's Degrees	41	5	12	1	1	-	-	-	5	-	-	-	23	4
BUSINESS AND OFFICE	1 116	3 609	11	15	97	407	6	5	7	25	10	25	985	3 132
Associate Degrees	1 097	3 503	11	15	96	402	6	5	7	24	9	24	968	3 033
Bachelor's Degrees	18	104	-	-	1	5	-	-	-	-	1	1	16	98
Master's Degrees	1	2	-	-	-	-	-	-	-	1	-	-	1	1
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MARKETING AND DISTRIBUTION	145	477	2	4	6	41	1	-	1	-	3	2	132	430
Associate Degrees	98	346	-	2	5	31	1	-	1	-	1	-	90	313
Bachelor's Degrees	47	131	2	2	1	10	-	-	-	-	2	2	42	117
Master's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COMMUNICATIONS	1 075	1 388	12	4	86	99	2	2	8	10	7	4	960	1 269
Associate Degrees	210	252	-	-	31	36	-	-	4	3	2	2	173	211
Bachelor's Degrees	814	1 101	8	4	51	62	2	2	4	5	5	2	744	1 026
Master's Degrees	49	34	4	-	4	1	-	-	-	2	-	-	41	31
Doctor's Degrees	2	1	-	-	-	-	-	-	-	-	-	-	2	1
COMMUNICATION TECHNOLOGIES	126	67	1	-	9	1	-	-	1	-	1	1	114	65
Associate Degrees	100	53	1	-	9	1	-	-	1	-	1	1	88	51
Bachelor's Degrees	26	14	-	-	-	-	-	-	-	-	-	-	26	14
Master's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
COMPUTER AND INFORMATION SCIENCES	1 731	1 240	73	29	41	46	7	4	27	23	8	4	1 575	1 134
Associate Degrees	351	384	6	1	6	10	2	-	2	3	2	1	333	369
Bachelor's Degrees	1 143	722	24	8	33	32	4	4	10	11	5	3	1 067	664
Master's Degrees	215	129	38	18	2	3	1	-	12	8	1	-	161	100
Doctor's Degrees	22	5	5	2	-	1	-	-	3	1	-	-	14	1
CONSUMER, PERSONAL, AND MISCELLANEOUS SERVICES	11	19	-	-	-	1	-	-	-	-	-	-	11	18
Associate Degrees	11	19	-	-	-	1	-	-	-	-	-	-	11	18
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 8

ASSOCIATE, BACHELOR'S, MASTER'S, AND DOCTOR'S DEGREES CONFERRED BY RACIAL/ETHNIC CATEGORY AND SEX BY MAJOR FIELD OF STUDY AND LEVEL OF PROGRAM, 1982-83--Continued

	Total Students		Non-Resident Alien		Black Non-Hispanic		American Indian or Alaskan Native		Asian or Pacific Islander		Hispanic		White Non-Hispanic	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
EDUCATION	2 436	6 962	159	104	119	403	7	19	7	20	15	37	2 129	6 379
Associate Degrees	58	167	-	1	-	9	-	-	-	-	-	2	58	155
Bachelor's Degrees	1 178	4 124	42	15	57	211	1	8	1	9	5	13	1 072	3 868
Master's Degrees	928	2 419	69	72	47	158	4	8	4	10	6	18	798	2 153
Doctor's Degrees	272	252	48	16	15	25	2	3	2	1	4	4	201	203
ENGINEERING	5 179	907	418	36	82	32	6	1	185	32	36	9	4 452	797
Associate Degrees	56	10	1	-	-	-	-	1	3	-	-	-	52	9
Bachelor's Degrees	4 051	768	122	9	61	29	4	-	99	28	26	7	3 739	695
Master's Degrees	923	120	234	26	18	3	2	-	66	4	9	2	594	85
Doctor's Degrees	149	9	61	1	3	-	-	-	17	-	1	-	67	8
ENGINEERING AND ENGINEERING-RELATED TECHNOLOGIES	4 467	349	91	2	167	30	5	1	88	9	36	3	4 080	304
Associate Degrees	3 693	275	22	-	140	27	4	1	69	4	28	2	3 430	241
Bachelor's Degrees	743	71	65	2	27	3	1	-	17	5	8	1	625	60
Master's Degrees	26	3	2	-	-	-	-	-	2	-	-	-	22	3
Doctor's Degrees	5	-	2	-	-	-	-	-	-	-	-	-	3	-
FOREIGN LANGUAGES	160	526	8	17	3	14	1	-	-	3	7	17	141	475
Associate Degrees	-	2	-	-	-	1	-	-	-	-	-	-	-	1
Bachelor's Degrees	129	458	2	7	3	11	1	-	-	2	4	12	119	426
Master's Degrees	20	47	3	10	-	2	-	-	-	1	1	1	16	33
Doctor's Degrees	11	19	3	-	-	-	-	-	-	-	2	4	6	15
ALLIED HEALTH	314	1 967	4	8	27	127	2	4	12	12	6	10	263	1 806
Associate Degrees	153	1 225	-	1	18	104	2	1	8	5	3	5	122	1 109
Bachelor's Degrees	115	630	1	3	7	19	-	3	3	4	1	4	103	597
Master's Degrees	46	112	3	4	2	4	-	-	1	3	2	1	38	100
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEALTH SCIENCES	924	4 725	22	27	16	186	-	9	23	30	6	18	857	4 455
Associate Degrees	106	1 219	-	-	3	65	-	2	-	5	-	4	103	1 143
Bachelor's Degrees	620	2 839	2	3	9	103	-	6	17	21	4	13	588	2 693
Master's Degrees	159	628	15	21	3	13	-	1	3	4	2	1	136	588
Doctor's Degrees	39	39	5	3	1	5	-	-	3	-	-	-	30	31
HOME ECONOMICS	93	825	2	3	10	61	-	-	-	4	3	6	78	751
Associate Degrees	11	56	-	1	6	30	-	-	-	2	-	-	5	23
Bachelor's Degrees	64	681	1	1	4	26	-	-	-	2	1	5	58	647
Master's Degrees	15	77	1	1	-	5	-	-	-	-	2	1	12	70
Doctor's Degrees	3	11	-	-	-	-	-	-	-	-	-	-	3	11
VOCATIONAL HOME ECONOMICS	47	374	-	1	2	40	-	1	-	4	-	1	45	327
Associate Degrees	46	301	-	-	2	30	-	1	-	4	-	-	44	266
Bachelor's Degrees	1	70	-	1	-	10	-	-	-	-	-	1	1	58
Master's Degrees	-	3	-	-	-	-	-	-	-	-	-	-	-	3
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LAW	79	115	7	4	4	11	-	-	-	2	-	2	68	96
Associate Degrees	4	70	-	-	1	8	-	-	-	1	-	-	3	61
Bachelor's Degrees	30	36	-	1	2	3	-	-	-	1	-	1	28	30
Master's Degrees	45	9	7	3	1	-	-	-	-	-	-	1	37	5
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
LETTERS	802	1 568	16	26	33	61	3	4	4	8	2	5	744	1 464
Associate Degrees	1	11	-	-	-	2	-	-	-	-	-	-	1	9
Bachelor's Degrees	687	1 368	4	7	32	58	2	3	4	7	2	4	643	1 289
Master's Degrees	82	139	8	15	-	1	1	1	-	1	-	1	73	120
Doctor's Degrees	32	50	4	4	1	-	-	-	-	-	-	-	27	46
LIBERAL/GENERAL STUDIES	1 057	1 458	31	17	91	193	5	2	20	22	10	14	900	1 210
Associate Degrees	670	1 060	13	8	75	179	4	2	15	17	6	9	557	845
Bachelor's Degrees	335	352	6	4	13	13	-	-	5	5	4	5	307	325
Master's Degrees	39	40	10	4	3	1	1	-	-	-	-	-	25	35
Doctor's Degrees	13	6	2	1	-	-	-	-	-	-	-	-	11	3
LIBRARY AND ARCHIVAL SCIENCES	65	227	10	13	3	13	-	-	1	1	-	-	51	200
Associate Degrees	1	3	-	-	1	1	-	-	-	-	-	-	-	2
Bachelor's Degrees	9	32	-	-	-	1	-	-	-	-	-	-	9	31
Master's Degrees	54	187	9	10	2	10	-	-	1	1	-	-	42	166
Doctor's Degrees	1	5	1	3	-	1	-	-	-	-	-	-	-	1
LIFE SCIENCES	1 588	1 339	29	13	37	59	2	2	20	19	16	11	1 484	1 235
Associate Degrees	26	20	-	-	2	1	-	-	1	-	-	-	23	19
Bachelor's Degrees	1 347	1 194	14	8	31	54	2	2	16	17	15	11	1 269	1 102
Master's Degrees	133	74	5	2	3	2	-	-	1	-	1	-	123	70
Doctor's Degrees	82	51	10	3	1	2	-	-	2	2	-	-	69	44

TABLE 8

ASSOCIATE, BACHELOR'S, MASTER'S, AND DOCTOR'S DEGREES CONFERRED BY RACIAL/ETHNIC CATEGORY AND SEX BY MAJOR FIELD OF STUDY AND LEVEL OF PROGRAM, 1982-83--Continued

	Total Students		Non-Resident Alien		Black Non-Hispanic		American Indian or Alaskan Native		Asian or Pacific Islander		Hispanic		White Non-Hispanic	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
MATHEMATICS	520	409	26	16	13	8	1	-	14	10	-	-	466	375
Associate Degrees	9	2	-	-	-	-	-	-	-	-	-	-	9	2
Bachelor's Degrees	414	365	7	8	11	7	1	-	3	9	-	-	392	341
Master's Degrees	76	38	12	7	1	1	-	-	9	1	-	-	54	29
Doctor's Degrees	21	4	7	1	1	-	-	-	2	-	-	-	11	3
MILITARY SCIENCES	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Associate Degrees	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MULTI/INTERDISCIPLINARY STUDIES	391	342	8	-	3	16	1	-	9	5	2	1	368	320
Associate Degrees	24	41	-	-	-	1	-	-	-	-	1	-	23	40
Bachelor's Degrees	313	257	1	-	3	13	1	-	6	5	1	-	301	239
Master's Degrees	44	43	4	-	-	2	-	-	2	-	-	1	38	40
Doctor's Degrees	10	1	3	-	-	-	-	-	1	-	-	-	6	1
PARKS AND RECREATION	133	228	4	4	15	12	-	-	1	-	-	-	113	212
Associate Degrees	12	17	-	-	-	-	-	-	-	-	-	-	12	17
Bachelor's Degrees	103	184	2	2	15	12	-	-	-	-	-	-	86	170
Master's Degrees	13	24	2	2	-	-	-	-	1	-	-	-	10	22
Doctor's Degrees	5	3	-	-	-	-	-	-	-	-	-	-	5	3
PHILOSOPHY AND RELIGION	324	253	8	5	12	13	-	-	4	2	2	1	298	232
Associate Degrees	1	-	-	-	-	-	-	-	-	-	-	-	1	-
Bachelor's Degrees	251	179	3	2	11	13	-	-	4	2	1	1	232	161
Master's Degrees	53	67	2	2	1	-	-	-	-	-	-	-	50	65
Doctor's Degrees	19	7	3	1	-	-	-	-	-	-	1	-	15	6
THEOLOGY	426	259	20	3	11	7	-	-	3	3	2	-	390	246
Associate Degrees	17	25	-	-	-	-	-	-	-	-	-	-	17	25
Bachelor's Degrees	206	168	2	-	5	1	-	-	-	2	-	-	199	165
Master's Degrees	135	66	16	3	3	6	-	-	3	1	2	-	111	56
Doctor's Degrees	68	-	2	-	3	-	-	-	-	-	-	-	63	-
PHYSICAL SCIENCES	1 622	621	72	20	32	19	-	1	43	21	14	3	1 461	557
Associate Degrees	20	8	-	-	1	-	-	-	-	-	-	-	19	8
Bachelor's Degrees	1 258	504	20	6	27	16	-	1	22	11	11	2	1 178	468
Master's Degrees	213	73	28	8	3	2	-	-	17	8	2	1	163	54
Doctor's Degrees	131	36	24	6	1	1	-	-	4	2	1	-	101	27
SCIENCE TECHNOLOGIES	64	21	1	-	5	1	-	-	-	1	1	2	57	17
Associate Degrees	64	21	1	-	5	1	-	-	-	1	1	2	57	17
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PSYCHOLOGY	978	1 919	21	18	53	126	-	2	5	8	12	14	887	1 751
Associate Degrees	6	9	-	-	-	-	-	-	-	-	-	-	6	9
Bachelor's Degrees	747	1 657	11	9	50	116	-	1	5	6	8	13	713	1 512
Master's Degrees	140	203	6	5	2	8	-	1	-	1	3	-	129	188
Doctor's Degrees	45	50	4	4	1	2	-	-	-	1	1	1	39	42
PROTECTIVE SERVICES	832	462	4	2	46	79	1	1	2	3	2	3	777	374
Associate Degrees	285	116	1	-	27	36	-	-	2	-	1	1	254	79
Bachelor's Degrees	523	335	2	1	19	40	1	1	-	3	1	2	500	288
Master's Degrees	24	11	1	1	-	3	-	-	-	-	-	-	23	7
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PUBLIC AFFAIRS	702	1 418	96	18	94	306	-	2	5	4	7	22	500	1 066
Associate Degrees	4	48	-	-	2	15	-	-	1	-	-	-	1	33
Bachelor's Degrees	253	785	21	2	33	173	-	2	-	3	3	6	196	599
Master's Degrees	423	569	71	15	58	116	-	-	3	1	3	16	288	421
Doctor's Degrees	22	16	4	1	1	2	-	-	1	-	1	-	15	13
SOCIAL SCIENCES	3 485	2 676	158	64	148	155	5	2	24	20	22	26	3 128	2 409
Associate Degrees	45	54	-	-	-	4	-	-	-	-	1	-	44	50
Bachelor's Degrees	3 098	2 424	58	29	143	144	5	2	20	18	19	26	2 853	2 205
Master's Degrees	266	153	75	31	5	7	-	-	3	2	2	-	181	113
Doctor's Degrees	76	45	25	4	-	-	-	-	1	-	-	-	50	41
CONSTRUCTION TRADES	222	2	2	-	9	-	-	-	-	-	-	-	211	2
Associate Degrees	222	2	2	-	9	-	-	-	-	-	-	-	211	2
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MECHANICS AND REPAIRERS	129	3	3	-	4	-	-	-	2	-	3	-	117	3
Associate Degrees	129	3	3	-	4	-	-	-	2	-	3	-	117	3
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-

TABLE 8

ASSOCIATE, BACHELOR'S, MASTER'S, AND DOCTOR'S DEGREES CONFERRED BY RACIAL/ETHNIC CATEGORY AND SEX BY MAJOR FIELD OF STUDY AND LEVEL OF PROGRAM, 1982-83--Concluded

	Total Students		Non-Resident Alien		Black Non-Hispanic		American Indian or Alaskan Native		Asian or Pacific Islander		Hispanic		White Non-Hispanic	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
PRECISION PRODUCTION	673	209	1	-	41	18	1	1	3	1	3	1	624	188
Associate Degrees	661	205	1	-	40	18	1	1	3	1	3	1	613	184
Bachelor's Degrees	12	4	-	-	1	-	-	-	-	-	-	-	11	4
Master's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TRANSPORTATION AND MATERIAL MOVING	50	7	-	-	-	-	-	-	-	-	-	-	50	7
Associate Degrees	50	7	-	-	-	-	-	-	-	-	-	-	50	7
Bachelor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Master's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Doctor's Degrees	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VISUAL AND PERFORMING ARTS	955	1 688	14	30	74	87	1	2	15	21	11	11	840	1 537
Associate Degrees	162	206	-	1	27	30	-	1	5	1	2	2	128	171
Bachelor's Degrees	664	1 300	9	22	41	53	1	1	8	13	7	9	598	1 202
Master's Degrees	120	165	5	6	5	4	-	-	2	7	2	-	106	148
Doctor's Degrees	9	17	-	1	1	-	-	-	-	-	-	-	8	16

TABLE 9

FIRST-PROFESSIONAL DEGREES CONFERRED BY RACIAL/ETHNIC CATEGORY AND SEX BY TYPE OF PROFESSION, 1982-83

	Total All Students		Non-Resident Alien		Black Non-Hispanic		American Indian or Alaskan Native		Asian or Pacific Islander		Hispanic		White Non-Hispanic	
	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women
TOTAL DEGREES, ALL PROFESSIONS	2 591	1 149	31	5	66	63	3	1	40	16	34	13	2 417	1 051
Dentistry, General	316	70	4	2	3	2	-	-	6	1	2	1	301	64
Medicine, General	740	320	3	1	28	18	1	-	17	3	14	6	677	292
Optometry	119	26	1	-	-	1	-	-	4	3	-	-	114	22
Osteopathic Medicine	156	50	1	-	3	2	-	-	-	1	1	-	151	47
Pharmacy	11	15	-	2	-	-	-	-	-	-	-	-	11	13
Podiatry	97	19	-	-	4	2	-	-	1	-	-	-	92	17
Veterinary Medicine	54	54	1	-	1	2	-	-	1	-	-	1	51	51
Law	824	534	3	-	20	32	2	1	8	6	13	3	778	492
Theological Studies	274	61	18	-	7	4	-	-	3	2	4	2	242	53

GLOSSARY

AMERICAN INDIAN OR ALASKAN NATIVE--A person having origins in any of the original peoples of North America and who maintains cultural identification through tribal affiliation or community recognition.

ASIAN OR PACIFIC ISLANDER--A person having origins in any of the original peoples of the Far East, Southeast Asia, the Indian Subcontinent, or the Pacific Islands. This area includes, for example, China, Japan, Korea, the Philippine Islands, and Samoa.

ASSOCIATE DEGREE--A degree based on at least two but less than four years of full-time college work.

BACHELOR'S DEGREE--A degree requiring four or five years of full-time college work.

BLACK, NON-HISPANIC--A person having origins in any of the black racial groups of Africa (except those of Hispanic origin).

DOCTOR'S DEGREE--A degree normally based on at least three years of graduate work beyond the bachelor's degree, usually granted as a Ph.D. in any field or, Doctor of Education, Doctor of Juridical Science, Doctor of Public Health, etc.

FIRST-PROFESSIONAL DEGREE--A degree based on at least six years of college work, usually granted in Dentistry, Law, Medicine, Theology, etc. It signifies completion of the academic requirements to begin practice in the profession.

HISPANIC--A person of Mexican, Puerto Rican, Cuban, Central or South American, or other Spanish culture or origin, regardless of race.

MASTER'S DEGREE--A degree customarily based on at least one but not more than two full-time academic years of work beyond the bachelor's degree.

MINORITY--For this publication, a person identified as belonging to any of the following classifications: Black, Non-Hispanic; American Indian or Alaskan Native; Asian or Pacific Islander; or Hispanic.

NON-RESIDENT ALIEN--A person who is not a citizen or national of the United States and who is in this country on a temporary basis and does not have the right to remain indefinitely.

POSTSECONDARY CERTIFICATE--An award for programs based on less than four full-time academic years of work and in which the completer did not receive, nor is eligible for, an associate's or bachelor's degree.

WHITE, NON-HISPANIC--A person having origins in any of the original peoples of Europe, North Africa, or the Middle East (except those of Hispanic origin).